



CITY OF SANTA ROSA IMPROVEMENT PLANS FOR

GALVIN COMMUNITY PARK COURTS RENOVATION

BID SET

CONTRACT No. C00714
SEPTEMBER 15, 2025

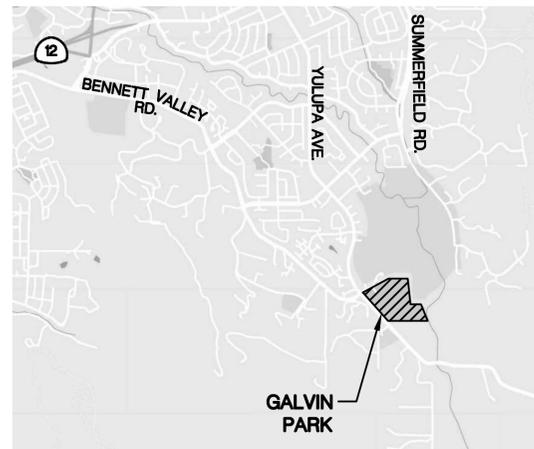


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CALA Project No. 24023

CITY OF SANTA ROSA
APPROVED
Permit No. B25-1279
Date: 01/15/2025
Review and Approval of these documents is based upon compliance with the 2022 California Code of Regulations, Title 24, and all applicable City of Santa Rosa ordinances and standards.
Building Division Director: [Signature]



LOCATION MAP



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N.T.S.



VICINITY MAP



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N.T.S.



GENERAL NOTES

- STANDARDS:** ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF SANTA ROSA STANDARD PLANS, THE CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE SPECIAL PROVISIONS FOR THIS PROJECT AND THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.
- COMPOSITE BASE SHEET:** THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET COMPOSED OF BOUNDARY, TOPOGRAPHIC, AND UNDERGROUND UTILITY INFORMATION PROVIDED BY CITY OF SANTA ROSA. THIS BASE SHEET INFORMATION IS SHOWN IN HALF TONE ON THE PLANS. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE BASE SHEETS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME.

THE BASE SHEET SOURCE FOR THESE DRAWINGS IS:
TOPOGRAPHIC MAP OF TENNIS COURT RESURFACING OF HOWARTH PARK AND GALVIN PARK, PREPARED BY CITY OF SANTA ROSA, (707) 543-3288, DATED 4/16/2024.
- FIELD CONDITIONS:** FIELD CONDITIONS MAY VARY FROM THE INFORMATION SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIELD CONDITIONS AND FOR REVIEWING DISCREPANCIES WITH THE CITY'S REPRESENTATIVE. THE CITY AND CITY'S REPRESENTATIVE ASSUME NO RESPONSIBILITY FOR FIELD CONDITIONS AND REQUIRED MODIFICATIONS.
- EXCAVATION:** THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 NO LESS THAN 2 WORKING DAYS PRIOR TO ANY EXCAVATION FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES IN ACCORDANCE WITH SECTION 5-1.36E OF THE SPECIAL PROVISIONS. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.

- UTILITIES:** THE LOCATIONS OF UNDERGROUND UTILITIES AND OTHER OBSTACLES SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL POTENTIAL CONFLICTS IN ACCORDANCE WITH U.S.A. LAWS AND THESE SPECIAL PROVISIONS AND THE STANDARD SPECIFICATIONS. IF ANY UNMARKED UTILITIES ARE ENCOUNTERED, OR IF UNABLE TO LOCATE A MARKED UTILITY AFTER POT HOLING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE CITY'S REPRESENTATIVE.

THE CITY'S REPRESENTATIVE ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF DELINEATION OF UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH ARE NOT SHOWN ON THESE DRAWINGS.
- CITY MONUMENTS:** THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY'S REPRESENTATIVE 10 WORKING DAYS IN ADVANCE FOR REFERENCING OF EXISTING MONUMENTS TO BE DISTURBED. THE CONTRACTOR SHALL RECONSTRUCT DISTURBED MONUMENTS IN ACCORDANCE WITH CITY STANDARD-280.
- OVERHEAD UTILITIES:** OVERHEAD UTILITY SERVICE DROPS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND BE AWARE OF LIMITED CLEARANCES UNDER OVERHEAD UTILITY LINES AND LOW HANGING TREE BRANCHES. THE CONTRACTOR'S TRUCKS AND EXCAVATION EQUIPMENT SHALL BE SIZED SO THAT OVERHEAD WIRES AND TREE BRANCHES ARE NOT DAMAGED.
- DISPOSAL:** ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
- TREE PROTECTION AND MAINTENANCE REQUIREMENTS:** SHALL BE PER TREE PROTECTION NOTES, SHEET L3.2. THE CONTRACTOR SHALL ONLY REMOVE EXISTING TREES OR SHRUBS AS NOTED ON THE PLANS OR AS DIRECTED BY THE CITY'S REPRESENTATIVE.

BASE BID

BASE BID INCLUDES ALL THE WORK SHOWN ON THE PLANS EXCEPT FOR ADD ALTERNATE WORK DESCRIBED BELOW.

BID ALTERNATES

ADD ALTERNATE #1: RESURFACE COURTS 1-6.

ADD ALTERNATE #2: CONSTRUCT NEW TENNIS COURTS, ASSOCIATED COURT LIGHTING AND PUSH BUTTON CONTROLS, AND ADJACENT LANDSCAPE AREA. RESTRIPE COURTS 9-10 TO PICKLEBALL STRIPING.

ADD ALTERNATE #3: LANDSCAPE AND IRRIGATION IMPROVEMENTS.

ADD ALTERNATE #4: REPLACE LIGHT FIXTURES ON EXISTING LIGHT POLES.

--- DESIGNATES BID ALTERNATE AREAS ON PLAN SHEETS. ALSO REFER TO SHEET TITLES FOR ADDITIONAL CLARIFICATION.

PREFERRED CONSTRUCTION SEQUENCE

- THE PREFERRED CONSTRUCTION SEQUENCE IS TO PERFORM ALL CONSTRUCTION ASSOCIATED WITH COURTS 7-12 FIRST, AND PERFORM CONSTRUCTION ASSOCIATED WITH COURTS 1-6 LAST. COURTS 1-6 SHALL REMAIN OPEN TO THE EXTENT PRACTICAL DURING RECONSTRUCTION OF OTHER COURTS AND SITE WORK SURROUNDING COURTS 1-6.
- ACTUAL SEQUENCING TO BE DETERMINED BY CONTRACTOR.

PROJECT DIRECTORY

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SANTA ROSA, CA 95401
PHONE: (707) 543-3851

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CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
C. GURNEY 12/1/2025
Name Date
Comments:
Building Permit # B25-1279



Know what's below.
Call before you dig.

APPROVED: DIRECTOR OF TRANSPORTATION AND PUBLIC WORKS		CHK BY: NR
BY: [Signature]	DATE: 01/14/2025	DATE: 9/15/25
DAN HENNESSEY		JWN BY: IC/DC
DESIGN/CONST	01/13/2025	SCALE: AS SHOWN
MATERIALS LAB	01/14/2025	CONTRACT NO. C00714
PARKS & REC	01/14/2025	SHEET 1 OF 34
TRAFFIC		FILE NO. 2024-0014
TRANSIT		
WATER - ENG		
WATER - OPS		
DEPT.	SIGNATURE	DATE

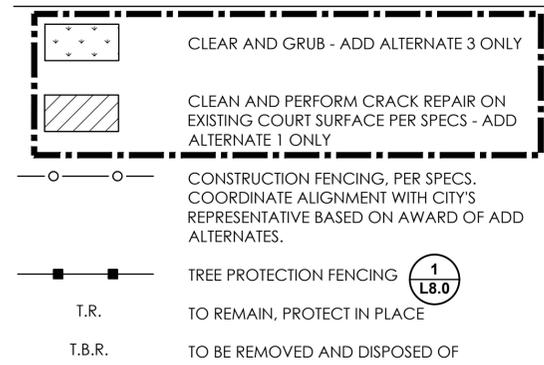
NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION

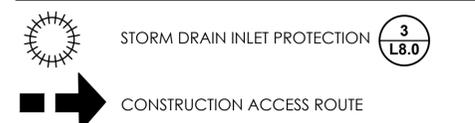
COVER SHEET

L10

DEMOLITION LEGEND



EROSION CONTROL LEGEND



DEMOLITION NOTES

- CLEAR AND GRUB:** CLEAR AND GRUB ALL EXISTING VEGETATION, UNLESS OTHERWISE INDICATED, AS REQUIRED FOR THE SITE CONSTRUCTION, IRRIGATION, AND PLANTING OPERATIONS. LIMITS OF CLEARING SHALL BE REVIEWED WITH THE CITY'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK. STRIP ALL ORGANIC MATTER TO A SUFFICIENT DEPTH TO COMPLETELY REMOVE SUCH MATERIAL.

REVIEW DEMOLITION, AND CLEARING AND GRUBBING REQUIREMENTS ON SITE WITH CITY'S REPRESENTATIVE PRIOR TO COMMENCING DEMOLITION OPERATIONS.

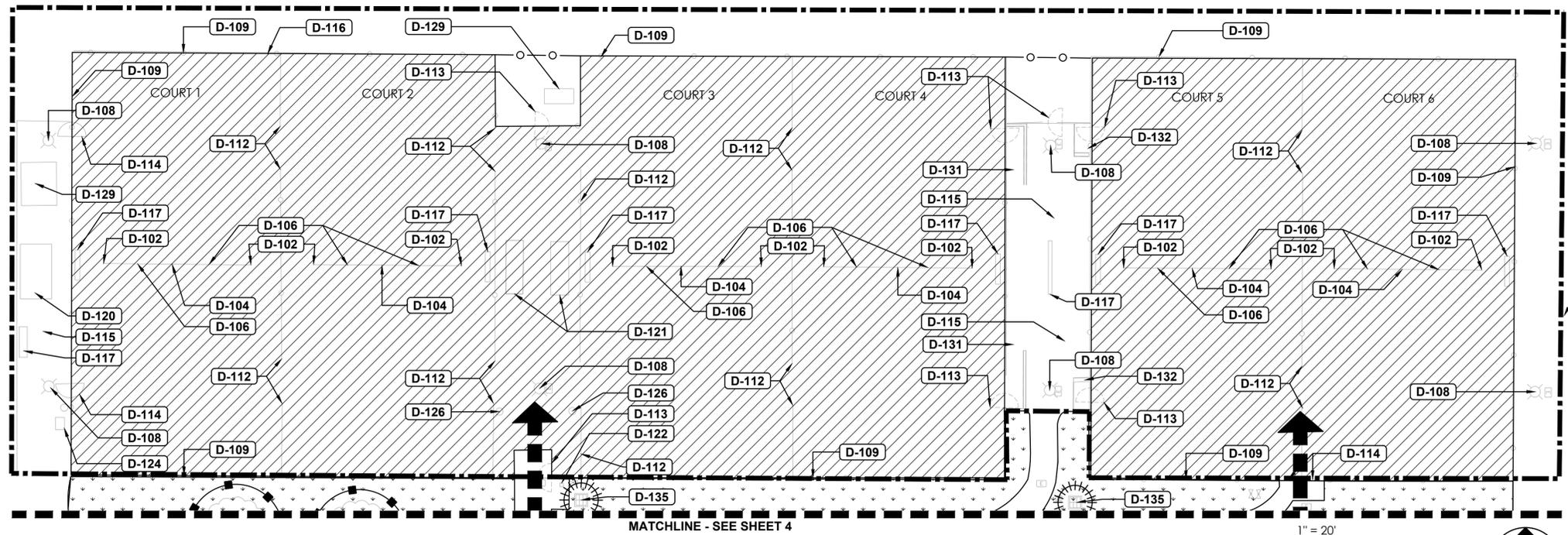
ALL DEMOLITION OPERATIONS WITHIN THE DRIP LINE OF TREES SHALL CONFORM TO TREE PROTECTION REQUIREMENTS.

EXISTING SITE FURNISHINGS AND IRRIGATION EQUIPMENT TO BE REMOVED SHALL BE RETURNED TO THE CITY UNLESS OTHERWISE SPECIFIED.
- IRRIGATION EQUIPMENT:** REFER TO THE IRRIGATION PLAN FOR DISPOSITION OF EXISTING IRRIGATION EQUIPMENT, AND OTHERWISE PROTECT IN PLACE.

PERFORM EXISTING IRRIGATION SYSTEM VERIFICATION PRIOR TO COMMENCING DEMOLITION. SEE IRRIGATION NOTES FOR REQUIREMENTS.
- SAWCUTTING:** ALL PAVEMENT REMOVAL AS SHOWN ON THE PLAN SHALL BE ACCOMPLISHED BY SAWCUTTING.

SAWCUTS SHALL BE NEAT AND CLEAN AND SHALL PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING FEATURES.
- WINDSCREEN REMOVAL:** REMOVE ALL WINDSCREEN ON EXISTING FENCE SURROUNDING ALL COURTS. FOR BIDDING PURPOSES ASSUME 1265 LINEAR FEET AS PART OF THE BASE BID, AND 850 LINEAR FEET AS PART OF ADD ALTERNATIVE 1. COORDINATE WITH CITY PRIOR TO REMOVAL TO DETERMINE IF ANY WINDSCREEN WILL BE SALVAGED.

FOR TREE PROTECTION NOTES SEE SHEET 5



EROSION CONTROL NOTES

- GENERAL PERMIT REQUIREMENTS:** CONTRACTOR SHALL REFER TO THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT AND PROVIDED BY THE CITY, AND FOLLOW THE GUIDELINES FOR THE CURRENT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (CAS000002) AND THE STATE OF CALIFORNIA'S GENERAL PERMIT (ORDER 2009-0009-DWQ), INCLUDING BUT NOT LIMITED TO REQUIREMENTS FOR UPLOADING REQUIRED DATA TO THE STORMWATER MULTI-APPLICATION REPORT TRACKING SYSTEM (SMARTS).
- IMPLEMENTATION:** THE CONTRACTOR SHALL HAVE AN APPROVED QUALIFIED SWPPP PRACTITIONER (QSP), OR APPOINTED INDIVIDUAL, ON SITE DURING ALL PERIODS OF CONSTRUCTION. THE QSP IS RESPONSIBLE FOR THE IMPLEMENTATION OF BMP'S AND THE MONITORING AND RECORDING OF EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
- RAIN EVENT ACTION PLAN:** CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. A RAIN EVENT ACTION PLAN (REAP), AS SPECIFIED IN THE SWPPP, MUST BE IMPLEMENTED TO PROTECT ALL EXPOSED PORTIONS OF THE SITE WITHIN 48 HOURS PRIOR TO ANY LIKELY PRECIPITATION EVENT. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL:** ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE CITY AND THE QSP.
- FIELD CHANGES:** THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE CITY AND THE QSP.
- MAINTENANCE MEASURES:** ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED WEEKLY DURING PERIODS OF HEAVY USAGE, BI-WEEKLY DURING PERIODS OF NORMAL USAGE AND BEFORE AND AFTER ALL STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- BMP LOG:** QSP SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPs, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPs OR EROSION AND SEDIMENT CONTROL PLAN. CONTRACTOR IS REQUIRED TO NOTIFY THE QUALIFIED STORMWATER DEVELOPER (QSD) OF ANY CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE SWPPP.
- EXPOSED SOILS:** IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT-RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
- STABILIZED CONSTRUCTION ENTRANCE:** THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
- ROAD AND TIRE CLEANING:** ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AT THE END OF EACH WORKING DAY. ALL TRUCK TIRES SHALL BE CLEANED PROPERLY BEFORE LEAVING THE SITE.
- FIBER ROLL BARRIER:** CONTRACTOR SHALL PLACE FIBER ROLL BARRIER AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE FIBER ROLL BARRIERS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
- GENERAL HOUSEKEEPING:** CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES PER THE SWPPP PREPARED FOR THIS PROJECT AND THE REQUIREMENTS OF THE GENERAL PERMIT.
- TRENCHES:** AFTER UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS-FLOW AT FREQUENT INTERVALS.
- CONTRACTOR RESPONSIBILITY:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED WITH ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURE MAINTENANCE THROUGHOUT THE DURATION OF THE PROJECT.
- DAMAGED EROSION CONTROL DEVICES:** DAMAGED EROSION CONTROL DEVICES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS SOON AS PRACTICAL AFTER THE DAMAGE OCCURS.
- DAILY WATERING:** DURING GRADING OPERATIONS THE SITE SHALL BE WATERED ON A DAILY BASIS TO MINIMIZE THE RELEASE OF DUST AND OTHER PARTICULATE MATTER.
- ANNUAL STATUS REPORT:** IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE AND SUBMIT THE ANNUAL COMPLIANCE STATUS REPORT OF THE CONSTRUCTION STORM WATER PERMIT EACH YEAR.
- SPECIFICATIONS:** SEE ALSO STORMWATER POLLUTION PREVENTION SPECIFICATIONS.

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
C. GURNEY 12/1/2025
Name Date
Comments
Building Permit # B25-1279

DEMOLITION KEY NOTES

CODE	DESCRIPTION
D-102	NET POST AND ASSOCIATED FOOTINGS, T.R.
D-104	CENTER ANCHOR TIE DOWN AND ASSOCIATED FOOTINGS, T.R.
D-106	SALVAGE EXISTING COURT NET AND REINSTALL AFTER RESURFACING.
D-108	COURT LIGHTING, T.R.
D-109	PERIMETER CHAIN LINK FENCE, INCLUDING ASSOCIATED CONCRETE BAND AND FOOTINGS, T.R., EXCEPT IN LOCATIONS WHERE FENCE REPAIR IS INDICATED ON SITE CONSTRUCTION PLAN, OR REMOVAL IS REQUIRED FOR CONSTRUCTION ACCESS. RETURN ALL EXISTING SIGNAGE HUNG ON THE FENCE TO THE CITY.
D-112	COURT DIVIDER FENCE, T.R.
D-113	CHAIN LINK GATE, T.R.
D-114	CHAIN LINK GATE MODIFICATION, SEE SITE CONSTRUCTION PLAN.
D-115	CONCRETE PAVEMENT, T.R.
D-116	BALL WALL, T.R.
D-117	BENCH, T.R.
D-120	METAL BLEACHERS, T.R.
D-121	SALVAGE AND REINSTALL METAL BLEACHERS.
D-122	DRINKING FOUNTAIN, T.B.R. PROTECT WATER AND WASTE LINES FOR NEW FOUNTAIN. SEE SITE CONSTRUCTION PLAN. SAWCUT AND REMOVE CONCRETE TO ACCOMMODATE NEW FOUNTAIN LOCATION. FOR BIDDING PURPOSES ASSUME APPROX. 20 SF. REVIEW PAVEMENT REMOVAL LIMITS WITH CITY PRIOR TO PERFORMING WORK.
D-124	TRASH RECEPTACLE, T.R.
D-126	SALVAGE AND REINSTALL TRASH RECEPTACLE. PER SITE CONSTRUCTION PLANS
D-129	SHED, T.R.
D-131	CONCRETE RAMP, T.R.
D-132	STAIRS, T.R.
D-135	STORM DRAIN CATCH BASIN, T.R.



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION
DEMOLITION AND EROSION CONTROL PLAN
BASE BID, ADD ALTERNATE #1 & #3
CHK BY: NR
DATE: 9/15/25
DWN BY: IC/DC
SCALE: AS SHOWN
CONTRACT NO. C00714
SHEET 3 OF 34
FILE NO. 2024-0014
L3.0

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DEMOLITION LEGEND

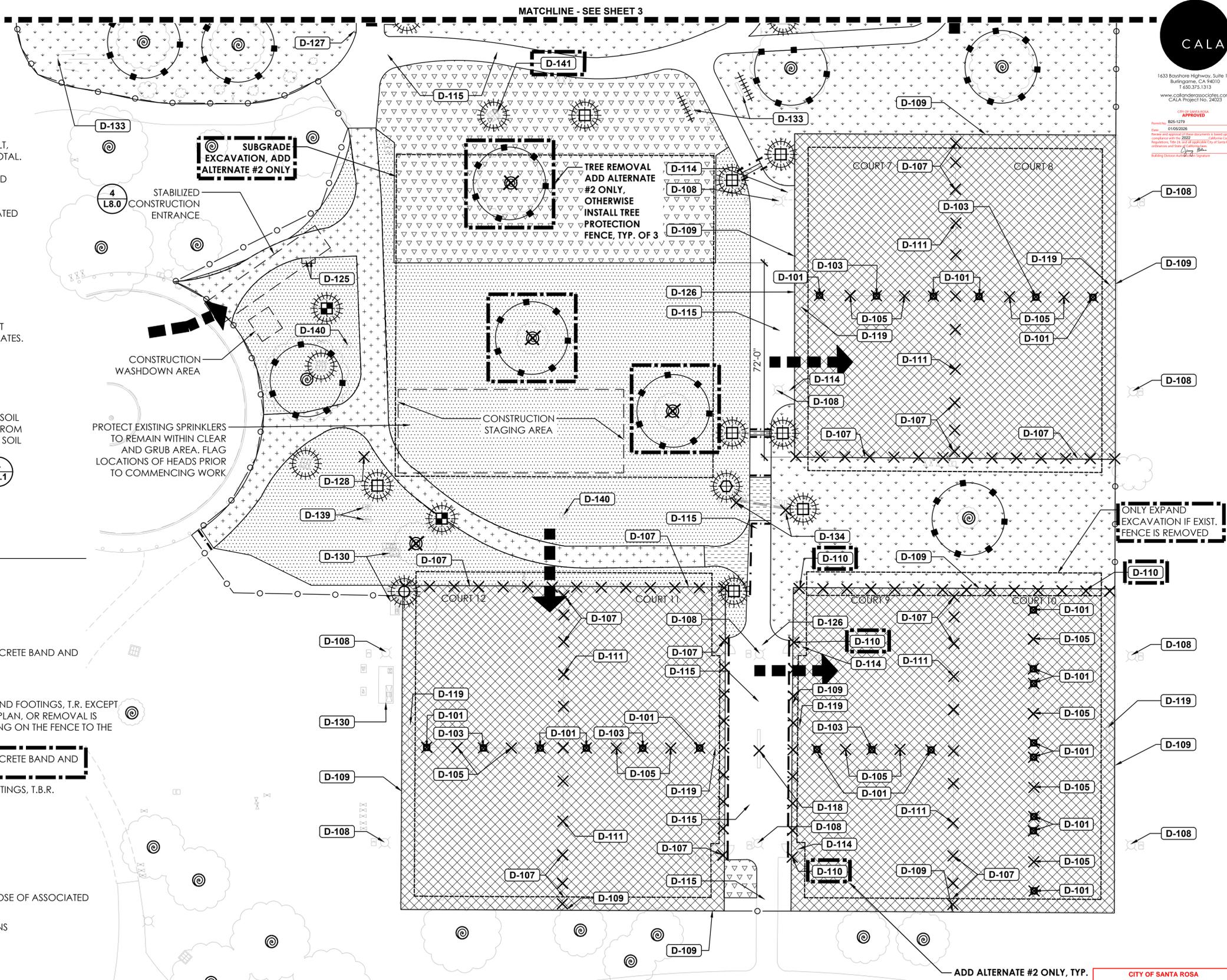
- CLEAR AND GRUB - BASE BID
- CLEAR AND GRUB - ADD ALTERNATE 2 ONLY
- CLEAR AND GRUB - ADD ALTERNATE 3 ONLY
- REMOVE AND DISPOSE OF EXISTING COURT SURFACING, ASPHALT, AND BASE ROCK. FOR BIDDING PURPOSES ASSUME 10 INCHES TOTAL.
- REMOVE AND DISPOSE OF ASPHALT PAVEMENT AND ASSOCIATED BASE ROCK. FOR BIDDING PURPOSES ASSUME 8 INCHES TOTAL.
- REMOVE AND DISPOSE OF CONCRETE PAVEMENT AND ASSOCIATED BASE ROCK. FOR BIDDING PURPOSES ASSUME 8 INCHES TOTAL.
- REMOVE AND DISPOSE OF EXISTING TREE
- EXISTING TREE TO REMAIN, PROTECT IN PLACE AND INSTALL TREE PROTECTION FENCING WHERE SHOWN ON PLAN
- REMOVE AND DISPOSE OF ITEM
- CONSTRUCTION FENCING, PER SPECS. COORDINATE ALIGNMENT WITH CITY'S REPRESENTATIVE BASED ON AWARD OF ADD ALTERNATES.
- TREE PROTECTION FENCING **1** L8.0
- SAWCUT, ALIGN WITH NEAREST EXIST. PAVEMENT JOINT WHERE POSSIBLE
- LIMIT OF SUBGRADE EXCAVATION. OVER-EXCAVATE SUBGRADE SOIL AND LIME TREAT PER GEOTECH REPORT. MAINTAIN 5'-0" OFFSET FROM EXISTING FENCING TO REMAIN. REFER TO GEOTECH REPORT FOR SOIL TESTING REQUIREMENTS TO DETERMINE PERCENTAGE OF LIME TREATMENT. FOR DEPTH OF OVER-EXCAVATION, SEE DETAIL **4** L8.1
- T.R. TO REMAIN, PROTECT IN PLACE
- T.B.R. TO BE REMOVED AND DISPOSED OF

DEMOLITION KEY NOTES

- | CODE | DESCRIPTION |
|--------------|---|
| D-101 | NET POST AND ASSOCIATED FOOTINGS, T.B.R. |
| D-103 | CENTER ANCHOR TIE DOWN AND ASSOCIATED FOOTINGS, T.B.R. |
| D-105 | EXISTING COURT NET, T.B.R. |
| D-107 | 10 FT. TALL CHAIN LINK FENCE, INCLUDING ASSOCIATED GATES, POSTS, CONCRETE BAND AND FOOTINGS, T.B.R. |
| D-108 | COURT LIGHTING, T.R. |
| D-109 | PERIMETER CHAIN LINK FENCE, INCLUDING ASSOCIATED CONCRETE BAND AND FOOTINGS, T.R. EXCEPT IN LOCATIONS WHERE FENCE REPAIR IS INDICATED ON SITE CONSTRUCTION PLAN, OR REMOVAL IS REQUIRED FOR CONSTRUCTION ACCESS. RETURN ALL EXISTING SIGNAGE HUNG ON THE FENCE TO THE CITY. |
| D-110 | 10 FT. TALL CHAIN LINK FENCE, INCLUDING ASSOCIATED GATES, POSTS, CONCRETE BAND AND FOOTINGS, T.B.R. - ADD ALTERNATE 2 ONLY. |
| D-111 | 3.5 FT TALL COURT DIVIDER FENCE INCLUDING ASSOCIATED POSTS AND FOOTINGS, T.B.R. |
| D-114 | CHAIN LINK GATE MODIFICATION, SEE SITE CONSTRUCTION PLAN. |
| D-115 | CONCRETE PAVEMENT, T.R. |
| D-118 | BENCH, T.B.R. |
| D-119 | SALVAGE BENCH AND RELOCATE PER SITE CONSTRUCTION PLAN. |
| D-125 | SALVAGE AND RETURN TRASH RECEPTACLE TO THE CITY. REMOVE AND DISPOSE OF ASSOCIATED CONCRETE PAD |
| D-126 | SALVAGE AND REINSTALL TRASH RECEPTACLE. PER SITE CONSTRUCTION PLANS |
| D-127 | BULLETIN BOARD SIGN, T.R. |
| D-128 | PARK RULES SIGN, T.B.R. INCLUDING ASSOCIATED CONCRETE FOOTINGS. |
| D-130 | ABOVE GRADE UTILITY CABINET, T.R. |
| D-133 | DRAINAGE CULVERT, T.R. |
| D-134 | DRAINAGE CULVERT, T.B.R. INCLUDING ASSOCIATED STORM DRAINLINE AND MORTARED ROCK HEADWALL. |
| D-139 | AT GRADE UTILITY BOX T.R. |
| D-140 | SEE ELECTRICAL PLANS FOR DISPOSITION OF EXISTING PULLBOX AND ASSOCIATED ELECTRICAL CONDUIT. |
| D-141 | CATCH BASIN T.R. RAISE RIM TO GRADE, SEE GRADING AND DRAINAGE PLAN - ADD ALTERNATE 2 ONLY |

EROSION CONTROL LEGEND

- FIBER ROLL **2** L8.0
- STORM DRAIN INLET PROTECTION **3** L8.0
- PROPOSED DRAINAGE STRUCTURE, SEE GRADING AND DRAINAGE PLAN
- CONSTRUCTION ACCESS ROUTE



FOR DEMOLITION AND EROSION CONTROL NOTES SEE SHEET 3
FOR TREE PROTECTION NOTES SEE SHEET 5



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NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 DEMOLITION AND EROSION CONTROL PLAN
 BASE BID, ADD ALTERNATES #2 + #3

CHK BY: NR
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 SHEET 4 OF 34
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L3.1

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TREE PROTECTION NOTES

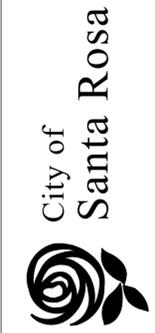
1. **CITY STANDARDS:** TREE PROTECTION SHALL COMPLY WITH THE SPECIFICATIONS. WHERE CITY REQUIREMENTS CONFLICT WITH THE CONSTRUCTION DOCUMENTS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
2. **PROJECT STARTUP:** PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL MEET ON-SITE WITH THE CITY'S REPRESENTATIVE TO REVIEW ALL WORK PROCEDURES, ACCESS ROUTES, STORAGE AREAS, AND TREE PROTECTION MEASURES.
3. **ROOT PROTECTION ZONE:** ROOT PROTECTION ZONES SHOWN ON THE PLANS ARE APPROXIMATE. VERIFY IN FIELD. THE ROOT PROTECTION ZONE (RPZ) SHALL BE REGARDED AS THE AREA BENEATH A TREE'S CANOPY, OR EXTENDING FROM THE FACE OF THE TRUNK TO TEN (10) TIMES THE TREE'S DIAMETER AT BREST HEIGHT (DBH), WHICHEVER IS GREATER. THERE SHALL BE NO DUMPING, WASHING OUT, OR STORAGE OF EQUIPMENT OR MATERIALS WITHIN THE RPZ OF ANY TREE. WORK WITHIN THE RPZ SHALL BE PERFORMED BY HAND, INCLUDING CLEAR AND GRUBBING.
4. **TREE PROTECTION FENCING:** ROOT PROTECTION ZONES SHALL BE FENCED ACCORDING TO TREE PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE PLANS. FENCING SHALL BE ERECTED PRIOR TO ANY DEMOLITION OR CONSTRUCTION ON SITE AND SHALL NOT BE REMOVED OR MODIFIED BEFORE PROJECT COMPLETION WITHOUT AUTHORIZATION FROM THE CITY'S REPRESENTATIVE. FENCING MAY BE INSTALLED IN A SINGLE RUN AROUND MULTIPLE TREES.
 - 4.1. TREE PROTECTION MEASURES SHALL NOT BE MODIFIED TO FACILITATE CONSTRUCTION ACTIVITIES, EXCEPT WITH PRIOR REVIEW AND APPROVAL BY THE CITY'S REPRESENTATIVE.
5. **DEMOLITION:** ALL EXISTING, UNUSED LINES OR PIPES BENEATH THE CANOPIES OF RETAINED TREES SHALL BE ABANDONED OR CUT OFF AT EXISTING SOIL GRADE.
6. **MAINTENANCE DURING CONSTRUCTION:** APPLY A SIX INCH LAYER OF ARBOR MULCH WITHIN THE RPZ.
 - 6.1. ANY ACCUMULATED CONSTRUCTION DUST ON LIMBS OR FOLIAGE IS TO BE REMOVED WITH WATER PERIODICALLY OR AS DIRECTED BY THE CITY'S REPRESENTATIVE.
7. **TRENCHING AND GRADING:** THERE SHALL BE NO TRENCHING OR GRADING WITHIN THE RPZ EXCEPT WITH PRIOR APPROVAL OF THE CITY'S REPRESENTATIVE. WHERE TRENCHING HAS BEEN APPROVED, FOLLOW THE PROCEDURE OUTLINED IN NOTE #8 BELOW. ANY EQUIPMENT USED SHALL BE OPERATED OUTSIDE THE RPZ.
 - 7.1. ALL UTILITIES, BOXES, METERS, VAULTS AND SERVICES ARE TO BE ROUTED BEYOND RPZ UNLESS SPECIFICALLY NOTED ON PLANS TO ROUTE WITHIN RPZ.
 - 7.2. ANY GRADE CHANGES OUTSIDE THE RPZ SHALL NOT SIGNIFICANTLY ALTER DRAINAGE TO OR FROM THE TREE. NO GRADING SHALL OCCUR WITHIN THE RPZ. IF GRADING CONFLICTS ARISE, NOTIFY THE CITY'S REPRESENTATIVE PRIOR TO COMMENCING ADJACENT GRADING OPERATIONS.
8. **ROOT CUTTING:** PRIOR TO EXCAVATING WITHIN A RPZ, A TRENCH SHALL BE DUG ALONG THE EDGE OF THE EXCAVATION CLOSEST TO THE TREE TRUNK. THIS TRENCH SHALL BE DUG BY HAND OR WITH AN AIR SPADE TO A DEPTH OF 30 INCHES, AND SHALL BE OF A SUFFICIENT WIDTH TO MANUALLY SEVER ANY ROOTS ENCOUNTERED GREATER THAN 2" DIAMETER. CUTS SHALL BE MADE PERPENDICULAR TO THE DIRECTION OF THE ROOT'S GROWTH, USING A CLEAN HAND SAW. AFTER ROOTS ARE CLEANLY SEVERED, EXCAVATION EQUIPMENT MAY BE USED AS REQUIRED ON THE SIDE OF THE TRENCH FARTHEST FROM THE TREE.
 - 8.1. WITHIN ONE HOUR, CUT OR EXPOSED ROOTS SHALL BE COVERED WITH MOIST SOIL OR WITH BURLAP THAT IS KEPT WET UNTIL THE EXCAVATION CAN BE BACK-FILLED AND WATERED THOROUGHLY.
9. **SOIL PREPARATION:** NO RIPPING OR ROTOTILLING SHALL OCCUR WITHIN THE RPZ, UNLESS APPROVED BY THE CITY'S REPRESENTATIVE.
10. **PLANTING AND IRRIGATION:** NO PLANTING OR IRRIGATION SHALL BE INSTALLED WITHIN 6 FEET OF TRUNKS OF EXISTING TREES UNLESS OTHERWISE INDICATED ON PLANS. NEWLY PLANTED TREES SHALL BE IRRIGATED PER IRRIGATION DRAWINGS. MULCH SHALL NOT BE PLACED DIRECTLY AGAINST TRUNKS.
11. **PRUNING:** AT NO TIME SHALL TREE LIMBS BE CUT BY CONSTRUCTION PERSONNEL. NO PRUNING SHALL TAKE PLACE EXCEPT AS DIRECTED BY THE CITY'S REPRESENTATIVE. WORK MUST BE PERFORMED BY A CERTIFIED ARBORIST IN ACCORDANCE WITH THE ISA TREE PRUNING GUIDELINES.
12. **DAMAGE:** THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGE TO EXISTING TREES, I.E. TRUNK WOUNDS, BROKEN LIMBS, POURING OF ANY DELETERIOUS MATERIALS, OR CONCRETE WASHOUT UNDER THE DRIPLINE OF THE TREES. DAMAGES WILL BE ASSESSED USING THE "GUIDE TO PLANT APPRAISAL" 9TH EDITION, PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. ANY DAMAGE OR INJURY TO TREES DURING CONSTRUCTION SHALL BE REPORTED TO THE CITY'S REPRESENTATIVE IMMEDIATELY SO THAT REMEDIAL ACTION CAN BE TAKEN.



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 CALA Project No. 24023



CITY OF SANTA ROSA
APPROVED
 Permit No. B25-1279
 Date: 01/09/2025
 Review and approval of these documents is based upon compliance with the 2022 California Code of Regulations, Title 24, Part 9, California Building Code and 2022 California Building Division Authority signature.



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 DEMOLITION AND EROSION CONTROL PLAN

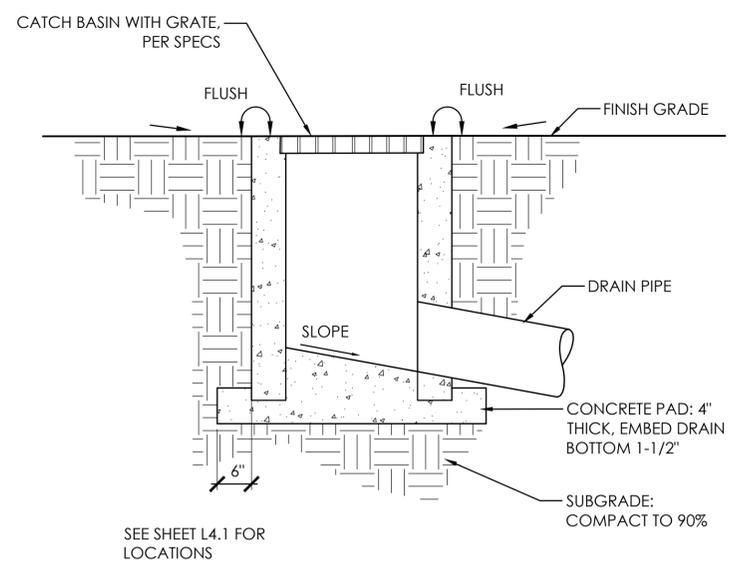
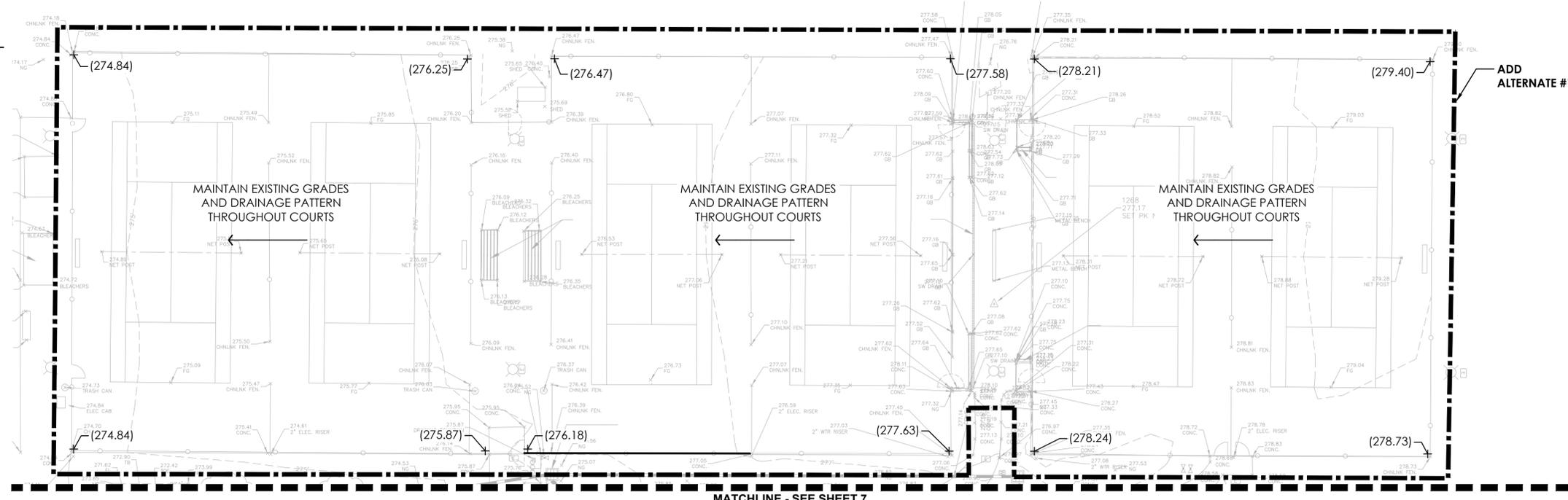
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DATE:	9/15/25
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SCALE:	AS SHOWN
CONTRACT NO.	C00714
SHEET	5 OF 34
FILE NO.	2024-0014

CITY OF SANTA ROSA
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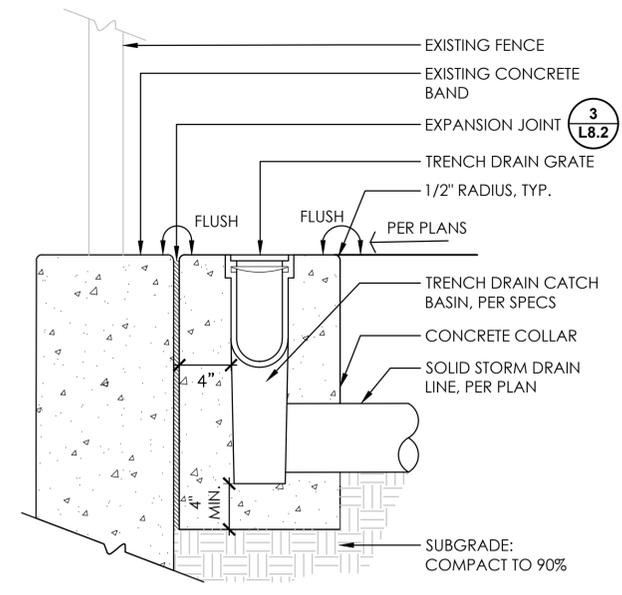
L3.2

GRADING LEGEND

- (278.47) SPOT ELEVATION EQUAL TO EXISTING GRADE, FIELD VERIFY
- ← DIRECTION OF SHEET DRAINAGE



1
L4.0
3/4" = 1'-0"
P-CLA-18-02.dwg



2
L4.0
1 1/2" = 1'-0"
PROP-PP-P2911-46

**FOR GRADING AND DRAINAGE NOTES
SEE SHEET 7**

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CALA Project No. 24023

Professional Seal: May 31, 2027, Expires September 15, 2028, State of California

CITY OF SANTA ROSA
APPROVED
Permit No. B25-1279
Date: 01/09/2025
Name and printed name of engineer or architect in blue ink
I hereby certify that the above information is based upon
my personal knowledge and that the project complies with the
California Code of Regulations, Title 24, Part 9, and the City of Santa Rosa
Ordinances and the California Building Code.



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION
GRADING AND DRAINAGE PLAN
ADD ALTERNATE #1

CHK BY:	NR
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CONTRACT NO.:	C00714
SHEET	6 OF 34
FILE NO.	2024-0014

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER
CONSERVATION:
C. GURNEY 12/1/2025
Name Date
Comments:
Building Permit # B25-1279

L4.0

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 Review and approval of this document is based upon compliance with the 2022 California Code of Regulations, Title 24, Part 9, Division 9.1, City of Santa Rosa Ordinance and 2024 California Building Code.
 Building Division Authority Signature

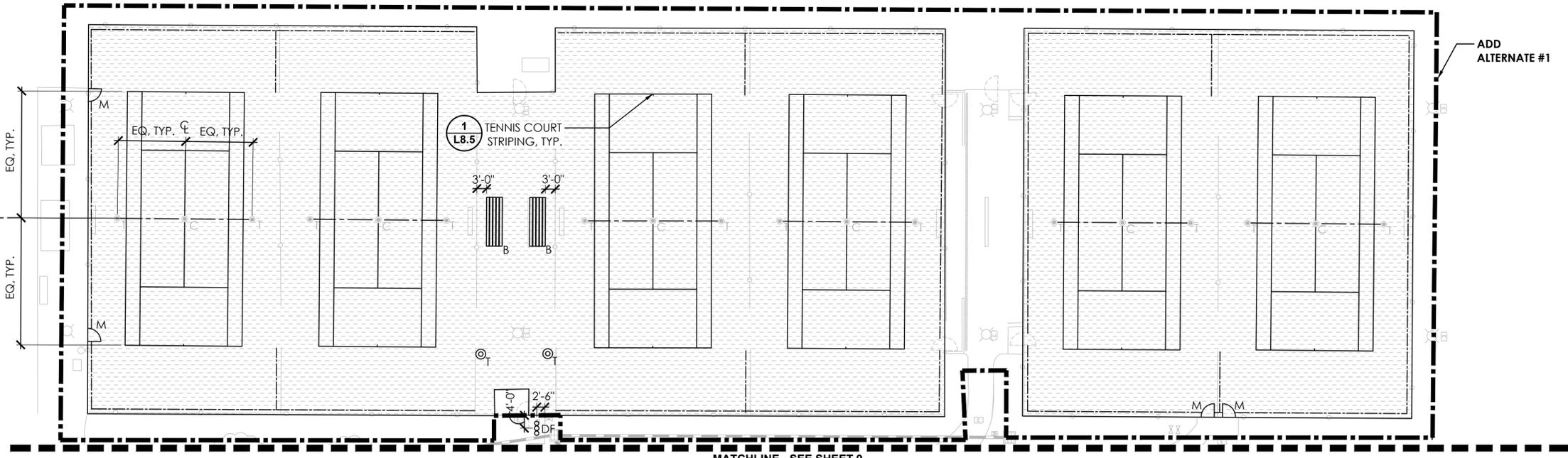


NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 SITE CONSTRUCTION PLAN
 BASE BID AND ADD ALTERNATE #1

CHK BY:	NR
DATE:	9/15/25
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SHEET	8 OF 34
FILE NO.	2024-0014

L5.0



ADD ALTERNATE #1

SITE CONSTRUCTION LEGEND

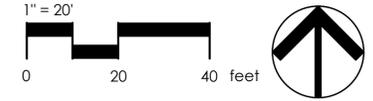
- ACRYLIC OVERLAY ONLY - ADD ALTERNATE 1 ONLY (5 L8.1)
- GATE MODIFICATION (2 L8.4)
- REINSTALL EXISTING BLEACHERS (4 L8.4)
- REINSTALL EXISTING NET ON EXISTING POSTS
- DRINKING FOUNTAIN, RESTORE SURROUNDING CONCRETE PAVEMENT TO MATCH EX. COND. (4 L8.8, 5 L8.8, 2 L8.2, 4 L8.2) — BASE BID
- WINDSCREEN TYPE 1, PER SPECS
- REINSTALL EXISTING TRASH RECEPTACLE

SITE LAYOUT LEGEND

- EQ EQUAL
- ☉ CENTERLINE

SITE CONSTRUCTION NOTES

- EXPANSION JOINTS:** INSTALL EXPANSION JOINTS AS SHOWN ON DRAWINGS, AS WELL AS BETWEEN NEW AND EXISTING CONCRETE FLATWORK AND CONCRETE BANDS.
- SLEEVING:** REFER TO IRRIGATION PLAN FOR REQUIREMENTS OF SLEEVING UNDER PAVEMENT.
- CHAIN LINK FENCE REPAIR:** REPAIR EXISTING 10'-0" TALL CHAIN LINK FENCE AT THE LOCATIONS SHOWN ON THE PLAN AND AS DIRECTED BY THE CITY. FOR BIDDING PURPOSES ASSUME REMOVAL AND REPLACEMENT OF 20 LINEAR FEET OF GALVANIZED CHAIN LINK FABRIC.



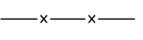
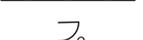
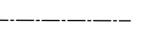
SITE LAYOUT NOTES

- DIMENSIONS:** ALL DIMENSIONS SHOWN SUPERSEDE SCALED DIMENSIONS. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF CONCRETE FLATWORK/MOWBAND, OR CENTERLINE OF FENCE.
- PROJECT STAKING:** ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD BY THE CONTRACTOR FOR REVIEW BY THE CITY'S REPRESENTATIVE PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.

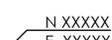
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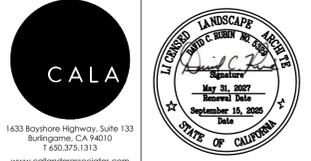
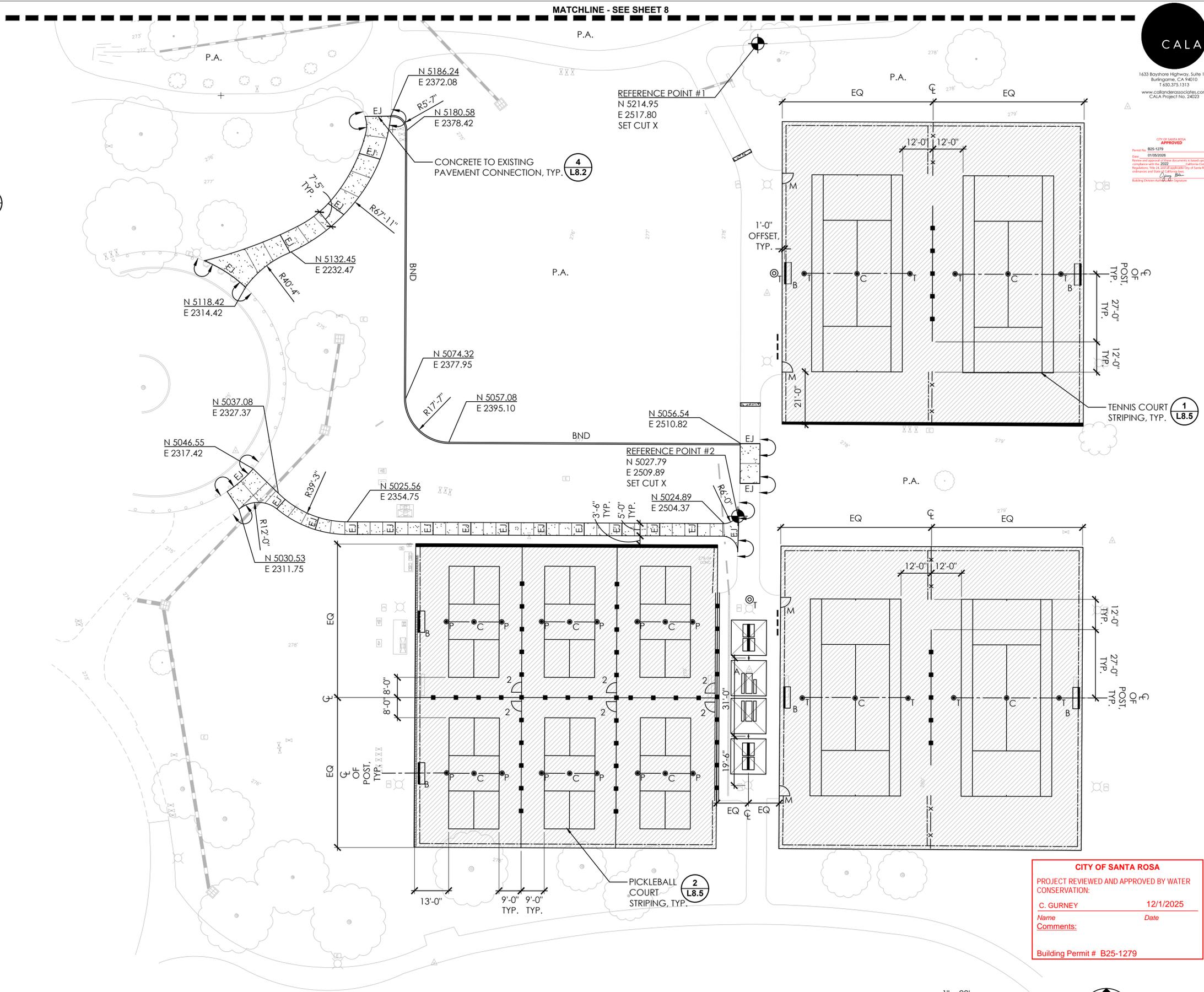
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SITE CONSTRUCTION LEGEND

-  COURT PAVEMENT (4) L8.1
-  CONCRETE PAVEMENT EXPANSION JOINT, TYP. SCORE JOINT, TYP. (2) L8.2 (3) L8.2 (4) L8.2
-  BALL WALL WITH 10' HIGH CHAIN LINK FENCE, COURT BAND, AND WINDSCREEN, TYPE 2 (3) L8.5
-  CHAIN LINK FENCE, 10' HIGH (4) L8.3
-  CHAIN LINK FENCE, 4' HIGH (5) L8.3
-  COURT BAND WITH 4' HIGH CHAIN LINK FENCE (6) L8.2
-  CHAIN LINK SINGLE GATE, 4' HEIGHT (1) L8.4
-  GATE MODIFICATION (2) L8.4
-  CHAIN LINK FENCE REPAIR, SEE SITE CONSTRUCTION NOTE 3 (3) L8.4
-  BENCH TYPE 2 (4) L8.4
-  PICNIC TABLE (4) L8.4
-  ACCESSIBLE PICNIC TABLE (4) L8.4 (3) L8.1
-  SHADE STRUCTURE (1) L8.9
-  REINSTALL EXISTING TRASH RECEPTACLE
-  REINSTALL EXISTING BENCH
-  PICKLEBALL NET POST
-  TENNIS NET POST
-  CENTER ANCHOR TIE DOWN (5) L8.4
-  CONCRETE MOWBAND (5) L8.2
-  PLANTING AREA
-  WINDSCREEN TYPE 1, PER SPECS

SITE LAYOUT LEGEND

-  ALIGN
-  REFERENCE POINT
-  N XXXXX E XXXXX NORTHING AND EASTING
-  EQ EQUAL
-  CL CENTERLINE



CITY OF SANTA ROSA APPROVED
 Permit No. B25-1279
 Date: 01/09/2025
 Name and signature of project architect or licensed professional engineer with the State of California Seal of Registration, No. 22312, C. Gurney, City of Santa Rosa Building Division, Building Division Director Signature



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
 Name Date
 Comments:
 Building Permit # B25-1279



FOR SITE CONSTRUCTION NOTES AND SITE LAYOUT NOTES AND LEGEND SEE SHEET 8

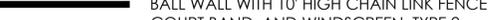
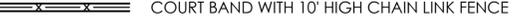
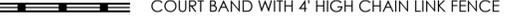
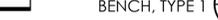
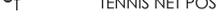
CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 SITE CONSTRUCTION PLAN
 BASE BID

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FILE NO.	2024-0014

L5.1

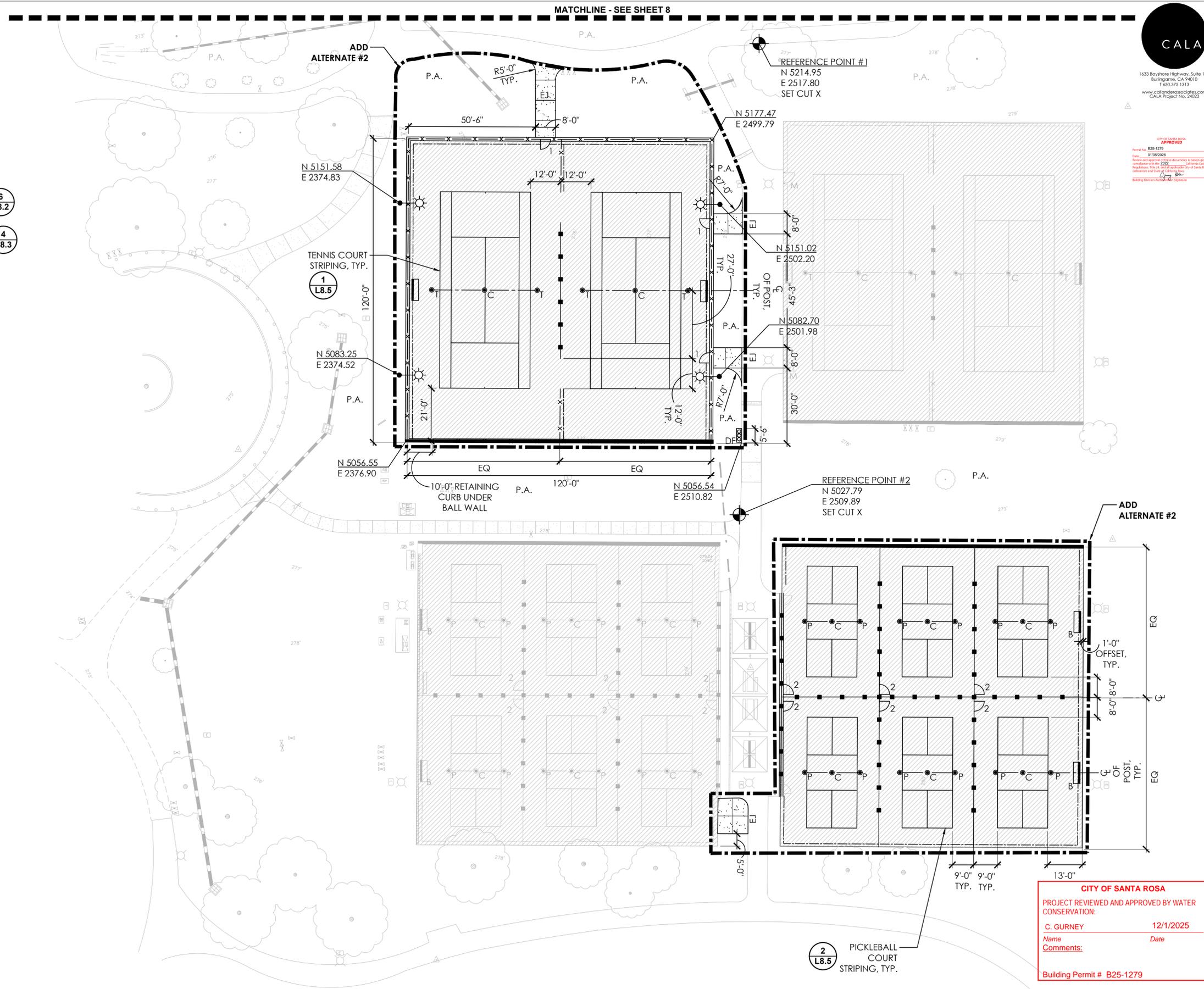
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SITE CONSTRUCTION LEGEND

-  COURT PAVEMENT (4) L8.1
-  CONCRETE PAVEMENT EXPANSION JOINT, TYP. SCORE JOINT, TYP. (2) L8.2 (3) L8.2 (4) L8.2
-  BALL WALL WITH 10' HIGH CHAIN LINK FENCE, COURT BAND, AND WINDSCREEN, TYPE 2 (3) L8.5
-  CHAIN LINK FENCE, 10' HIGH (4) L8.3
-  CHAIN LINK FENCE, 4' HIGH (5) L8.3
-  COURT BAND WITH 10' HIGH CHAIN LINK FENCE (6) L8.2
-  COURT BAND WITH 4' HIGH CHAIN LINK FENCE (2) L8.3 (4) L8.3
-  RETAINING CURB WITH 10' HIGH CHAIN LINK FENCE (2) L8.3 (4) L8.3
-  CHAIN LINK SINGLE GATE, 6'-8" HEIGHT (3) L8.3
-  CHAIN LINK SINGLE GATE, 4' HEIGHT (1) L8.4
-  POLE LIGHT, SEE ELECTRICAL PLANS
-  BENCH, TYPE 1 (4) L8.4
-  PICKLEBALL NET POST (5) L8.4
-  TENNIS NET POST (5) L8.4
-  CENTER ANCHOR TIE DOWN
-  P.A. PLANTING AREA
-  DRINKING FOUNTAIN (4) L8.8 (5) L8.8
-  WINDSCREEN TYPE 1, PER SPECS

SITE LAYOUT LEGEND

-  ALIGN
-  REFERENCE POINT
-  N XXXXX
E XXXXX NORTHING AND EASTING
-  EQ EQUAL
-  CL CENTERLINE



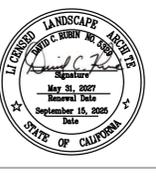
CITY OF SANTA ROSA
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FOR SITE CONSTRUCTION NOTES AND SITE LAYOUT NOTES AND LEGEND SEE SHEET 8

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 CALA Project No. 24023

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City of Santa Rosa

NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 SITE CONSTRUCTION PLAN
 ADD ALTERNATE #2

CHK BY:	NR
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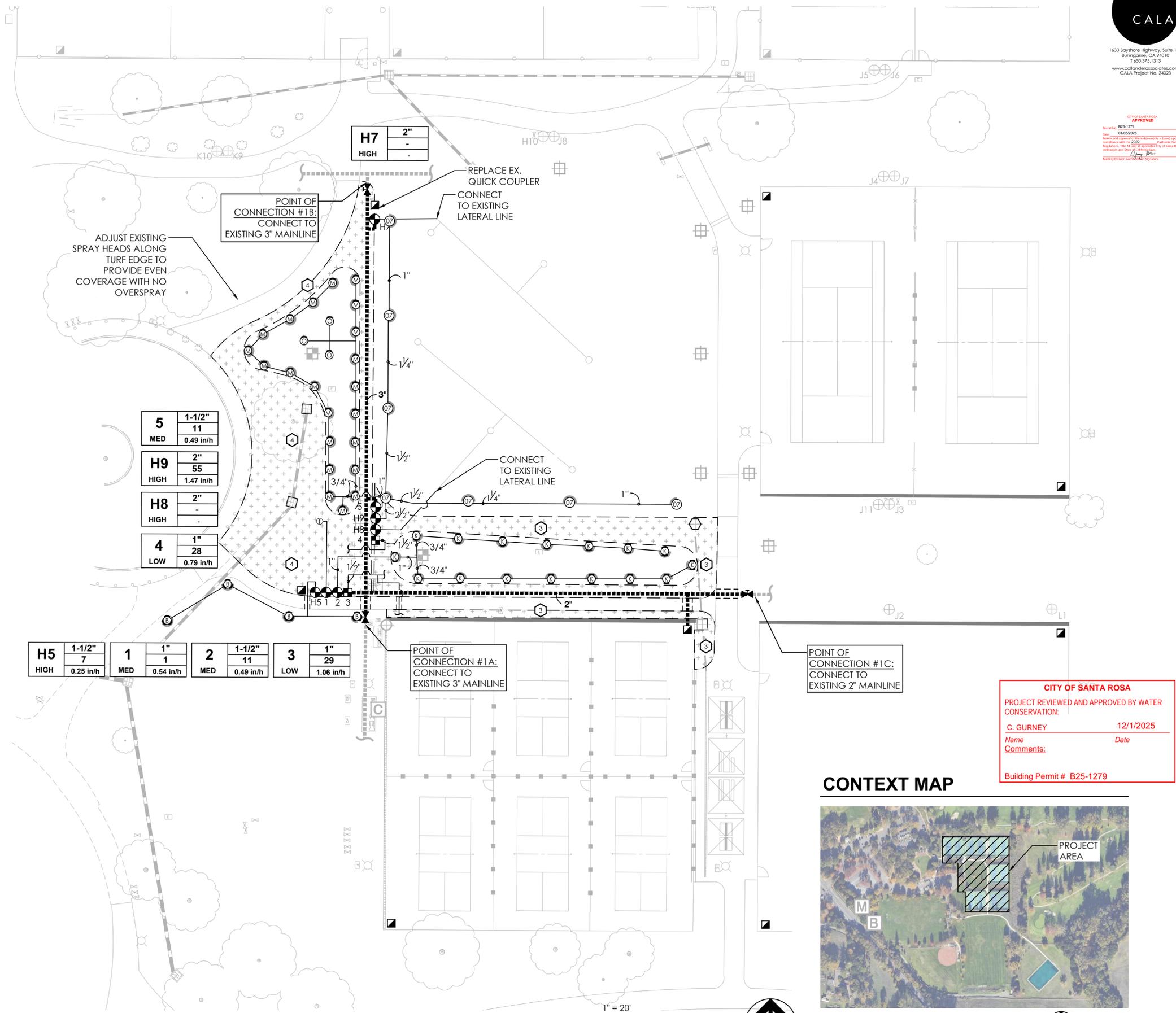
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IRRIGATION LEGEND

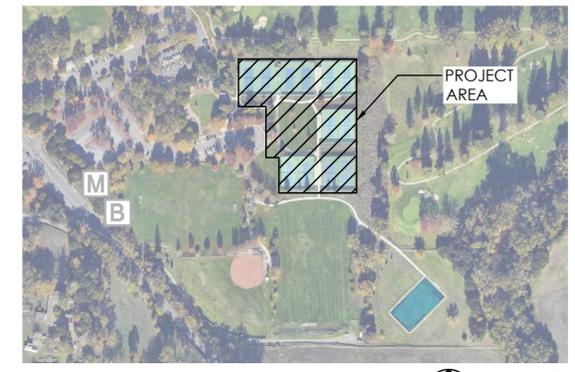
-  SHRUB BUBBLER, TORO, PRESSURE COMPENSATING DRIP BUBBLER, DB-04-PC, ONE BUBBLER PER PLANT 3 L8.7 2 L8.7
-  SHRUB ROTATOR, HUNTER, MP1000 PROS-12-PRS40-CV, 12" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, O=OLIVE 360 ARC ON PRS40 BODY. 1 L8.7
-  SHRUB ROTATOR, HUNTER, MP2000 PROS-12-PRS40-CV, 12" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210 ON PRS40 BODY.
-  TURF ROTATOR, HUNTER, MP3000 PROS-04-PRS40-CV, 4" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. B=BLUE ADJ ARC 90-210 ON PRS40 BODY.
-  TURF ROTOR, HUNTER, I-25-04, 4" POP UP HEIGHT, #07 NOZZLE. ARC AS REQUIRED TO PROVIDE FULL COVERAGE.
-  TREE BUBBLER, TORO PRESSURE COMPENSATING FLOOD BUBBLER, FB-50-PC, TWO BUBBLERS PER TREE 4 L8.7
-  BALL VALVE, WATTS, FBV, LINE SIZE 1" 1 L8.6
-  QUICK COUPLER VALVE, RAINBIRD, 44-LRC CONNECT TO EXIST. MAINLINE AT COURT PERIMETER WHEN NOT SHOWN CONNECTED TO NEW MAINLINE. 2 L8.6
-  REMOTE CONTROL VALVE, GRISWOLD, 2000 SERIES, WITH NDS SCH 80 PVC BALL VALVE UPSTREAM OF VALVE, SIZE PER PLAN, SEE IRRIGATION NOTE #12 FOR WIRING TO EXISTING CONTROLLER 3 L8.6 5 L8.6
-  DRIP REMOTE CONTROL ZONE KIT, TORO, 700DK-1-MF, WITH AN NDS SCH 80 PVC BALL VALVE UPSTREAM OF VALVE, SEE IRRIGATION NOTE #12 FOR WIRING TO EXISTING CONTROLLER 4 L8.6 5 L8.6
-  MAINLINE, SIZE PER PLAN, TYPE PER SPECS. 6 L8.6
-  SLEEVE, SCHEDULE 40 PVC, 2X PIPE DIAMETER, 2" MIN
-  LATERAL LINE, CLASS 200 PVC, 3/4" SIZE MINIMUM UNLESS OTHERWISE SHOWN ON PLAN
-  VALVE NUMBER FOR DRIP AREA
-  VALVE CALLOUT
-  VALVE NUMBER
-  VALVE SIZE
-  VALVE FLOW, GPM
-  PRECIPITATION RATE WATER-USE

- EXISTING COMPONENTS**
-  CONTROLLER, IRRITROL MC-E, 12 STATION, 4 TOTAL CONTROLLERS
 -  WATER METER, 4" SIZE, NUMBER 75838709, SEE CONTEXT MAP
 -  BACKFLOW PREVENTER, WATTS, 4" SIZE, SEE CONTEXT MAP
 -  MAINLINE, SIZE PER PLAN
 -  REMOTE CONTROL VALVE EXISTING VALVE NUMBER
 -  QUICK COUPLER VALVE
 -  TURF SPRAYHEAD
 -  GRADING AND DRAINAGE SYMBOL, SEE GRADING AND DRAINAGE PLAN



5	1-1/2"	1	1"	1	1-1/2"	2	1"	3	1"					
	MED									11	MED	11	LOW	29
										0.49 in/h		0.49 in/h		1.06 in/h
H9	2"	55	2"	-	H8	2"	-	4	1"					
	HIGH									1.47 in/h	HIGH	-	LOW	28
														0.79 in/h

CONTEXT MAP

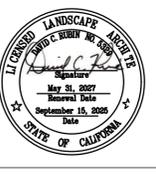


CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
 Name Date
 Comments:
 Building Permit # B25-1279

**FOR IRRIGATION NOTES
SEE SHEET 14**



N.T.S.



**City of
Santa Rosa**



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION

IRRIGATION PLAN
BASE BID

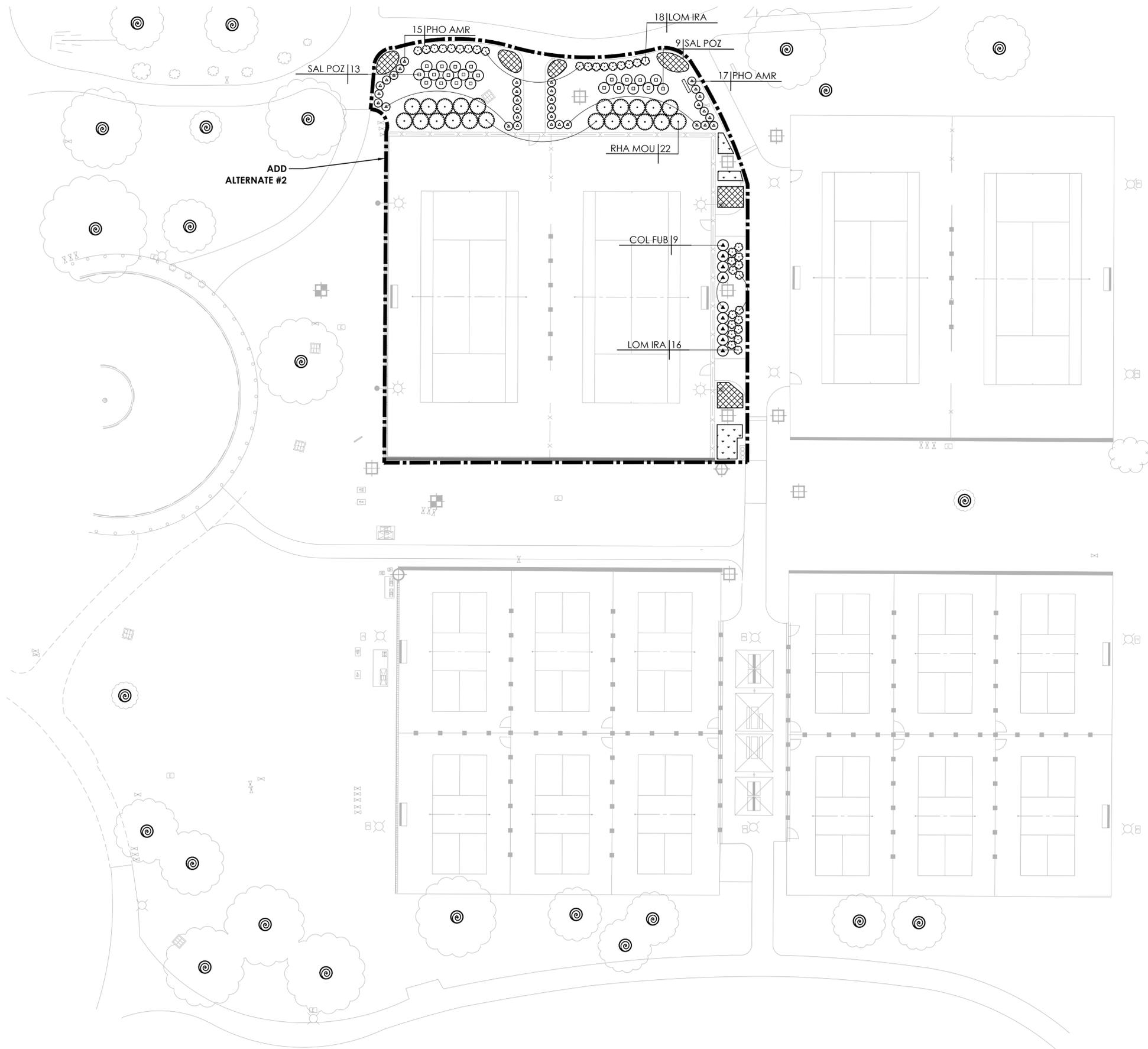
CHK BY:	NR
DATE:	9/15/25
DWN BY:	IC/DC
SCALE:	AS SHOWN
CONTRACT NO.	C00714
SHEET	11 OF 34
FILE NO.	2024-0014

L6.0

File Path: N:\Projects\2024\Project\24023_GalvinCommunityParkCourtsRenovation\3_ConstructionDocuments\24023_L6.dwg Plot Date: 10/13/25 Saved By: icraney Copyright © 2024 Calmar Landscape Architecture, Inc.

PLANTING LEGEND

⊙ EXISTING TREE TO REMAIN



CITY OF SANTA ROSA APPROVED
 Permit No. B25-1279
 Date: 01/09/2025
 Review and approval of this document is based upon compliance with the 2022 California Code of Regulations, Title 24, Part 9, Division 9.2, City of Santa Rosa Ordinance and Sign-off by the City Engineer.
 Building Division Authority Signature

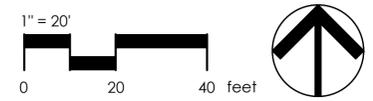


NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 PLANTING PLAN
 ADD ALTERNATE #2

CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
 Name Date
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**FOR PLANTING NOTES
 SEE SHEET 15
 FOR PLANT LIST
 SEE SHEET 17**



CHK BY: NR
 DATE: 9/15/25
 DWN BY: IC/DC
 SCALE: AS SHOWN
 CONTRACT NO. C00714
 SHEET 16 OF 34
 FILE NO. 2024-0014

L7.1

File Path: \\projects\2024\Projects\24023_GalvinAndGovernorsCourtsRenovation\3_ConstructionDocuments\24023_Landscaping Per Date: 10/13/25 Saved By: karrera Copyright © 2024 Calmar Associates Landscape Architecture, Inc.



1633 Boyshore Highway, Suite 133
 Huntington Beach, CA 94810
 T 650.375.1313
 www.calalandscapeassociates.com
 CALA Project No. 24023



PLANT LIST

	CODE	BOTANICAL / COMMON NAME	SIZE	WATER USE	SPACING
1 L8.8	TREES				
	ACE OGL	ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE	24" BOX	MED	
	SHRUBS				
	CAR TES	CAREX TESTACEA / ORANGE SEDGE	5 GAL	MED	36" o.c.
	CEA TKH	CEANOTHUS THYRSIFLORUS 'SKYLARK' / SKYLARK BLUEBLOSSOM	5 GAL	LOW	60" o.c.
	COL FUB	COLEONEMA PULCHELLUM 'SUNSET GOLD' / SUNSET GOLD BREATH OF HEAVEN	5 GAL	MED	48" o.c.
	DES TUF	DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS	5 GAL	LOW	36" o.c.
	LOM IRA	LOMANDRA LONGIFOLIA 'BREEZE' / BREEZE™ MAT RUSH	1 GAL	LOW	36" o.c.
	PHO AMR	PHORMIUM X 'AMAZING RED' / AMAZING RED NEW ZEALAND FLAX	1 GAL	LOW	36" o.c.
	PHO DUE	PHORMIUM X 'DUET' / DUET NEW ZEALAND FLAX	1 GAL	LOW	36" o.c.
2 L8.8	RHA MOU	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO' / MOUND SAN BRUNO COFFEEBERRY	5 GAL	LOW	72" o.c.
	SAL POZ	SALVIA X 'POZO BLUE' / POZO BLUE SAGE	5 GAL	LOW	48" o.c.
	SHRUB AREAS				
	DIA FOU	DIANELLA REVOLUTA 'LITTLE REV' / 'LITTLE REV' FLAX LILY	1 GAL	MED	24" o.c.
2 L8.8	HEL SEM	HELICTOTRICHON SEMPERVIRENS / BLUE OAT GRASS	1 GAL	LOW	24" o.c.
	HES BRE	HESPERALOE PARVIFLORA 'PERPA' / BRAKELIGHTS® RED YUCCA	1 GAL	LOW	24" o.c.
3 L8.8	JUN ELK	JUNCUS PATENS 'ELK BLUE' / SPREADING RUSH	1 GAL	LOW	24" o.c.
	GROUND COVERS				
	ARC ECP	ARCTOSTAPHYLOS X 'EMERALD CARPET' / EMERALD CARPET MANZANITA	5 GAL	MED	60" o.c.
3 L8.8	CIS PUL	CISTUS X PULVERULENTUS 'SUNSET' / SUNSET ROCKROSE	5 GAL	LOW	72" o.c.
	COP VAR	COPROSMA KIRKII 'VARIEGATA' / CREEPING MIRROR PLANT	5 GAL	LOW	60" o.c.

CITY OF SANTA ROSA
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I HAVE COMPILED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN

David C. Ruben
 SIGNATURE DAVE RUBIN

CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
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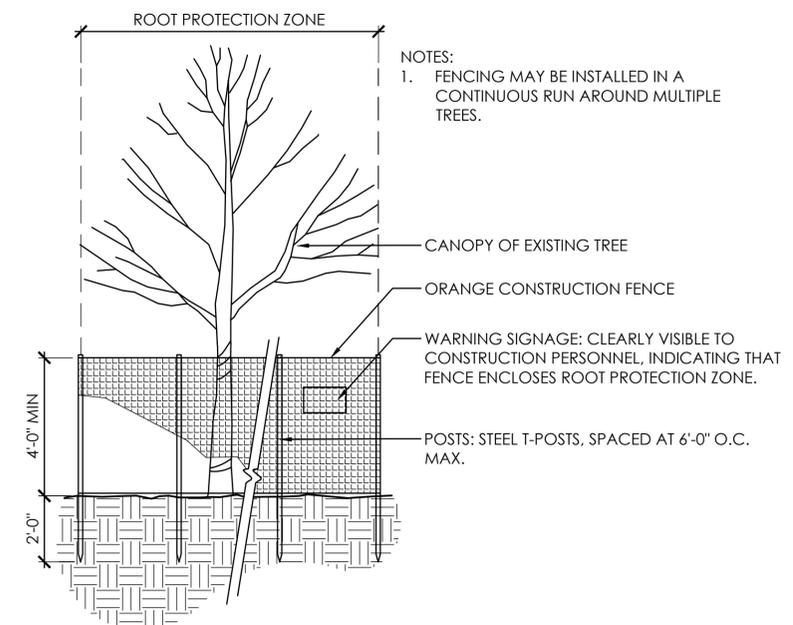
City of Santa Rosa

NO.	DATE	REVISION	BY

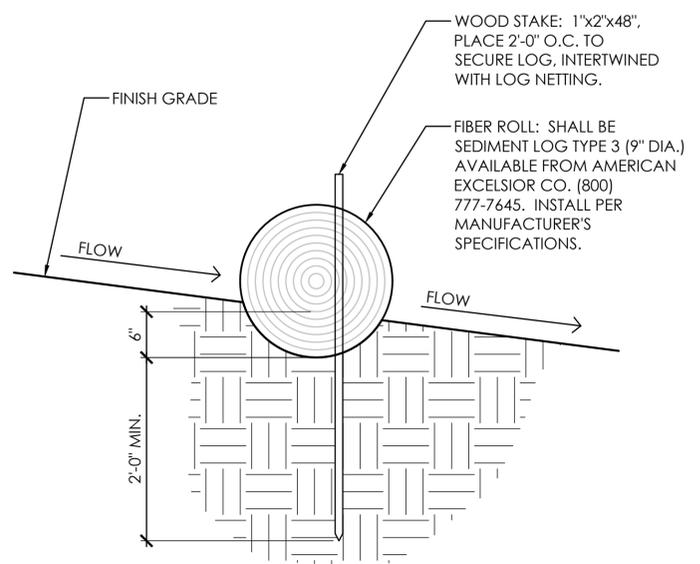
CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
PLANTING PLAN

CHK BY:	NR
DATE:	9/15/25
DWN BY:	IC/DC
SCALE:	AS SHOWN
CONTRACT NO.:	C00714
SHEET	17 OF 34
FILE NO.	2024-0014

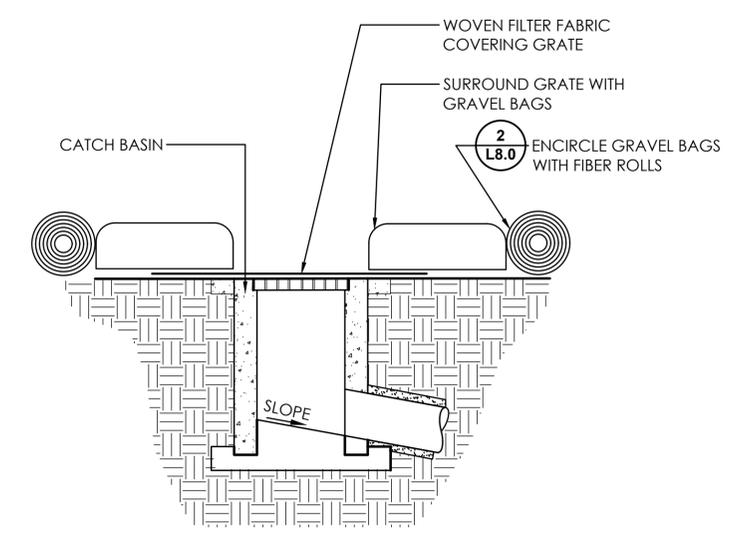
L7.2



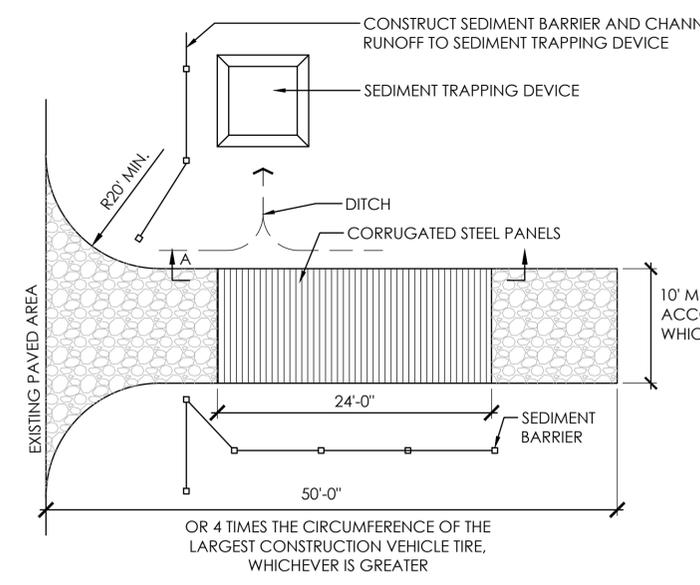
1 TREE PROTECTION FENCING
 L8.0 3/8" = 1'-0" PROP-PP-P2911-02



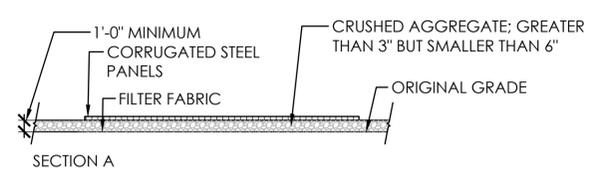
2 FIBER ROLL
 L8.0 1" = 1'-0" P-CLA-02-02.dwg



3 STORM DRAIN INLET PROTECTION
 L8.0 1/2" = 1'-0" P-CLA-02-01.dwg



- NOTES:
 1. ENTRANCE SHALL BE KEPT IN GOOD CONDITION WITH TOP DRESSING OF CRUSHED AGGREGATE AS NEEDED. NO VISIBLE VOIDS IN MATERIAL SHALL BE ALLOWED.
 2. ENTRANCE SHALL BE INSPECTED BI-WEEKLY DURING PERIODS OF HEAVY USAGE OR RAIN, WITH MAINTENANCE PROVIDED AS NECESSARY.



4 STABILIZED CONSTRUCTION ENTRANCE
 L8.0 1/8" = 1'-0" PROP-PP-P2911-04

CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
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CITY OF SANTA ROSA		NO.	DATE	REVISION	BY
GALVIN COMMUNITY PARK COURTS RENOVATION					
CONSTRUCTION DETAILS					
CHK BY:	NR				
DATE:	9/15/25				
DWN BY:	IC/DC				
SCALE:	AS SHOWN				
CONTRACT NO.	C00714				
SHEET	18 OF 34				
FILE NO.	2024-0014				
L8.0					

CITY OF SANTA ROSA

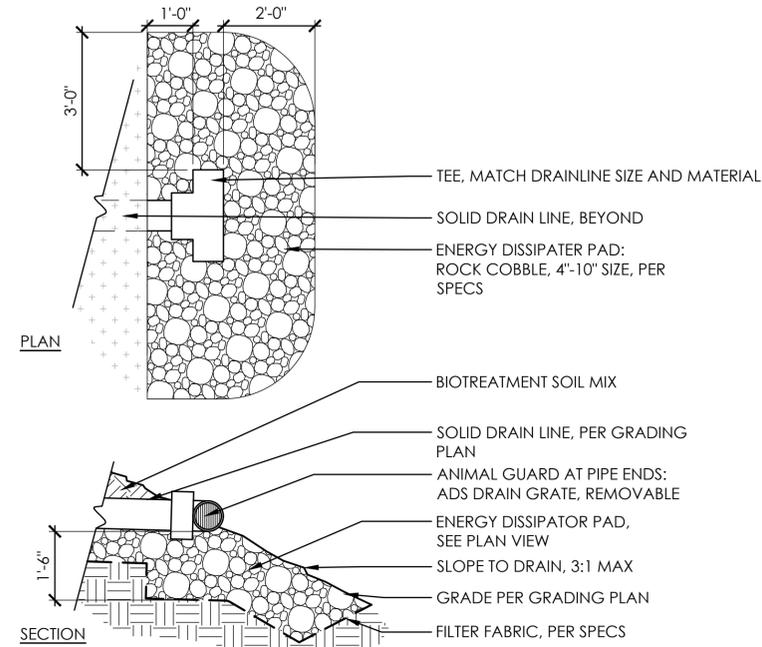
 APPROVED

 Permit No. B25-1279

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 Building Official Signature

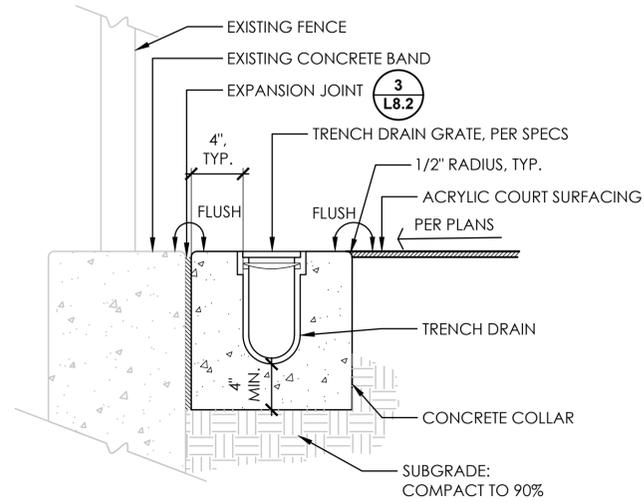


1

L8.1

 1/2" = 1'-0"

 PROP-PP-P2911-54

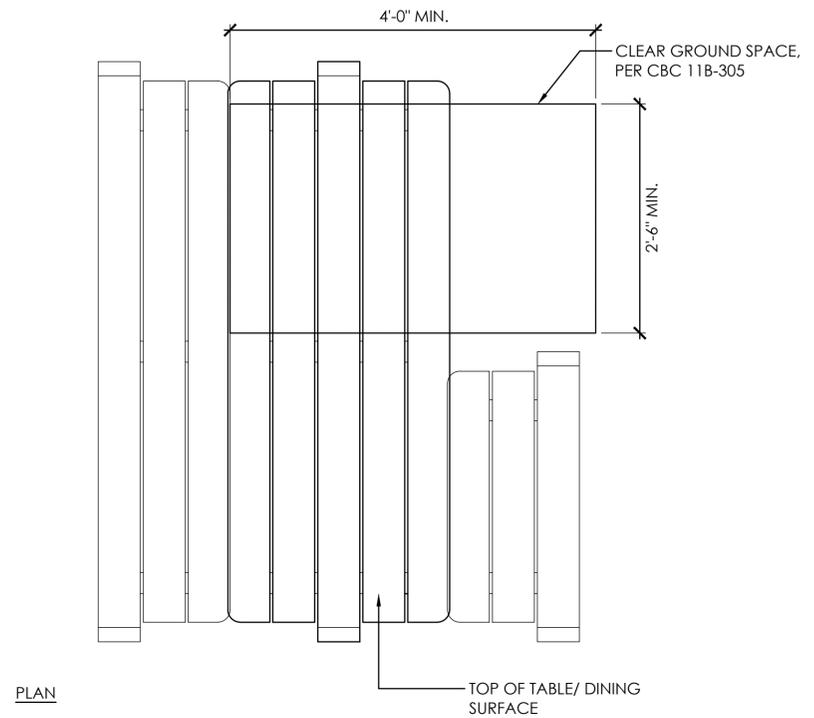


2

L8.2

 1/2" = 1'-0"

 PROP-PP-P2911-55

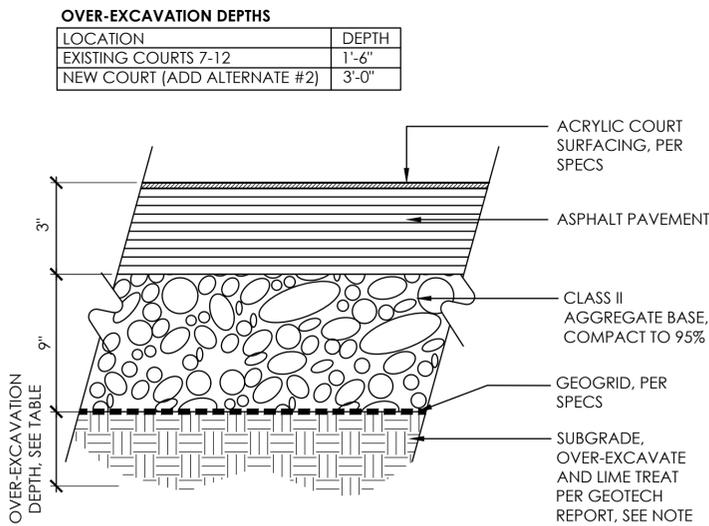


3

L8.1

 1" = 1'-0"

 PROP-PP-P2911-94



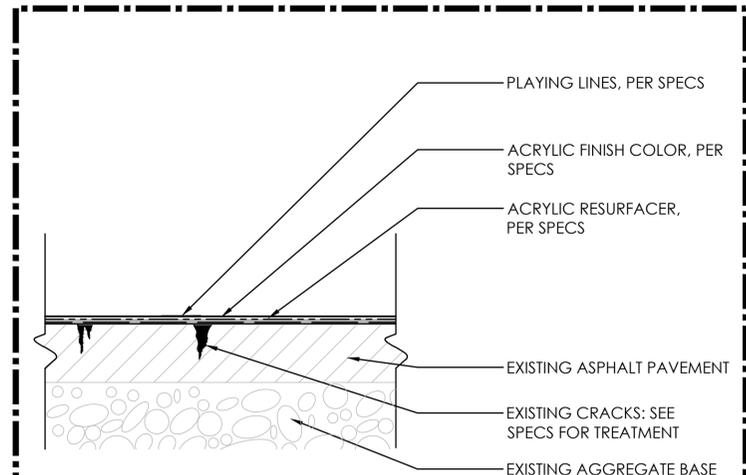
NOTE: EXTEND SUBGRADE LIME TREATMENT 5 FT. BEYOND COURT PAVEMENT WHEN COURT PERIMETER FENCING IS NEW AND AT BALL WALLS. TERMINATE LIME TREATMENT 1'-0" BELOW FINISH GRADE IN PLANTING AREAS OUTSIDE COURT.

4

L8.1

 3" = 1'-0"

 PROP-PP-P2911-53



5

L8.1

 3" = 1'-0"

 PROP-PP-P2911-19

CITY OF SANTA ROSA

 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:

 Name: C. GURNEY

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 Building Permit # B25-1279

OVER-EXCAVATION DEPTHS	
LOCATION	DEPTH
EXISTING COURTS 7-12	1'-6"
NEW COURT (ADD ALTERNATE #2)	3'-0"

NO.	DATE	REVISION	BY

CITY OF SANTA ROSA

 GALVIN COMMUNITY PARK COURTS RENOVATION

 CONSTRUCTION DETAILS

CHK BY: NR

 DATE: 9/15/25

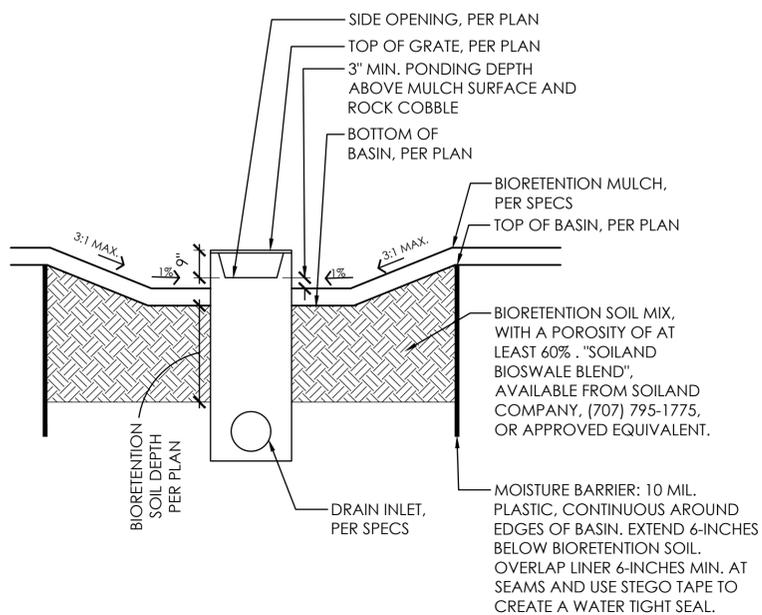
 DWN BY: IC/DC

 SCALE: AS SHOWN

 CONTRACT NO. C00714

 SHEET 19 OF 34

 FILE NO. 2024-0014



1

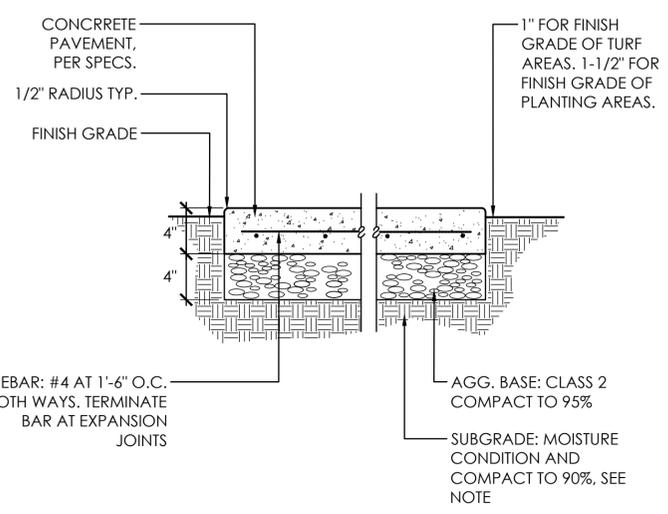
L8.2

 BIORETENTION AREA

 3/4" = 1'-0"

 PROP-PP-P2911-62

NOTE: OVER-EXCAVATE SUBGRADE UNDERNEATH PAVEMENT TO A DEPTH OF 1'-0", AND EXTEND EXCAVATION 3'-0" BEYOND THE PAVEMENT EDGE. MOISTURE CONDITION AND COMPACT UNDERLYING SOIL BELOW THE EXCAVATION PER THE GEOTECH REPORT. BACKFILL WITH IMPORT SELECT FILL MATERIAL PER THE GEOTECH REPORT TO ACHIEVE FINISH GRADES.



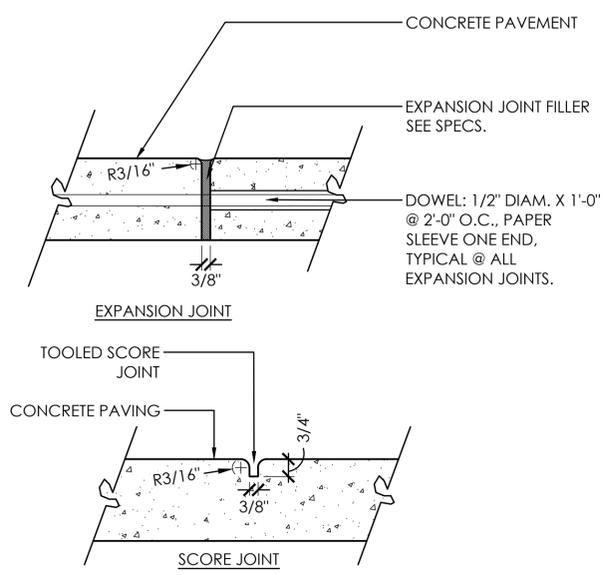
2

L8.2

 CONCRETE PAVEMENT

 1" = 1'-0"

 P-CLA-09-03.dwg



3

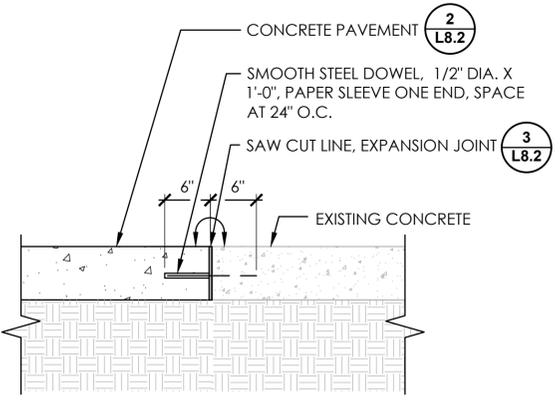
L8.2

 CONCRETE JOINTS

 3" = 1'-0"

 P-CLA-09-02.dwg

NOTE: INSTALL SCORE JOINTS AT 5'-0" O.C. WITH EVERY OTHER JOINT CENTERED ON FENCE POSTS. INSTALL EXPANSION JOINTS NO GREATER THAN 20'-0" O.C. AND CENTERED ON FENCE POST AND AT ALL CORNERS.



NOTE: DRILL & EPOXY DOWEL INTO EXISTING P.C.C. & GREASE OTHER END TO SET INTO NEW CONCRETE.

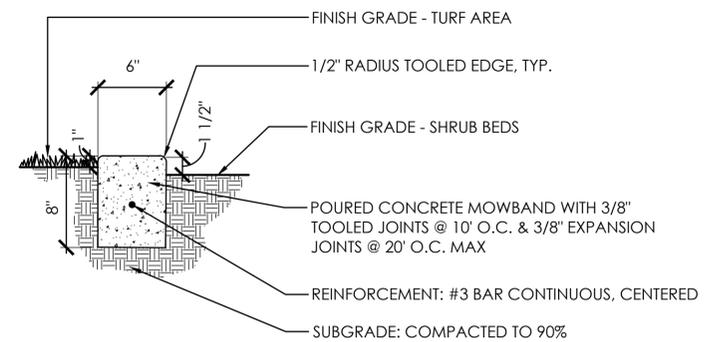
4

L8.2

 CONCRETE TO EXISTING PAVEMENT CONNECTION

 1" = 1'-0"

 PROP-PP-P2911-38



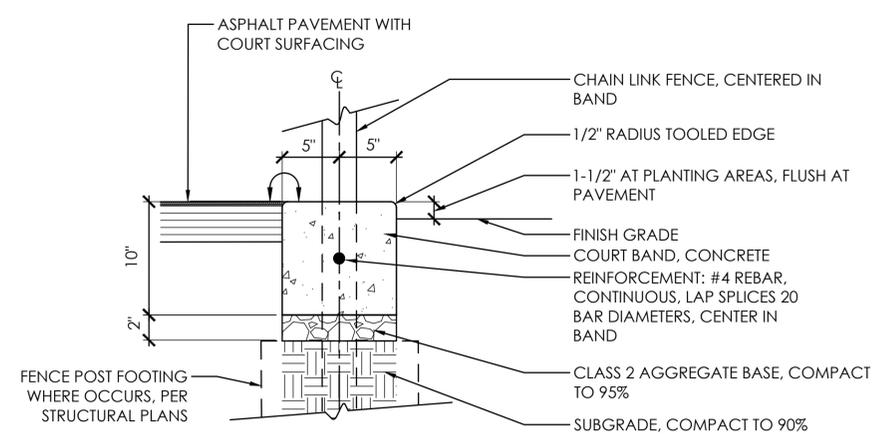
5

L8.2

 CONCRETE MOWBAND

 1 1/2" = 1'-0"

 PROP-PP-P2911-11



6

L8.2

 COURT BAND

 1 1/2" = 1'-0"

NO.	DATE	REVISION	BY

CITY OF SANTA ROSA

 GALVIN COMMUNITY PARK COURTS RENOVATION

 CONSTRUCTION DETAILS

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SHEET	20 OF 34
FILE NO.	2024-0014

PROP-PP-P2911-06

CITY OF SANTA ROSA

 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:

 C. GURNEY

 12/1/2025

 Name

 Date

 Comments:

 Building Permit # B25-1279

CITY OF SANTA ROSA

 APPROVED

 Permit No. B25-1279

 Date: 01/09/2025

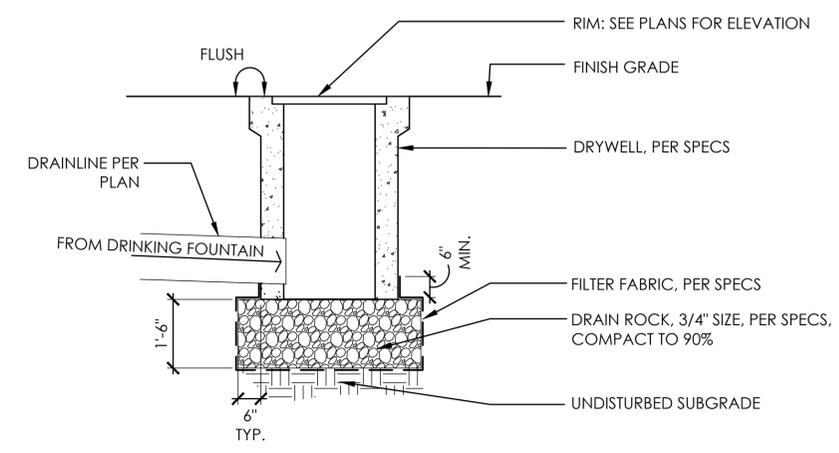
 Review and approval of these documents is based upon compliance with the 2022 California Code of Regulations, Title 24, Part 9, Division 9.2, and the Building Code of the City of Santa Rosa, and the Building Code of the State of California.

 Building Division Authority Signature: [Signature]

NOTES:

 1. ALL RISERS AND EXTENSIONS SHALL BE CONNECTED WITH AN ADHESIVE PRODUCT.

 2. ALL BOX PENETRATIONS GROUTED WATER TIGHT.

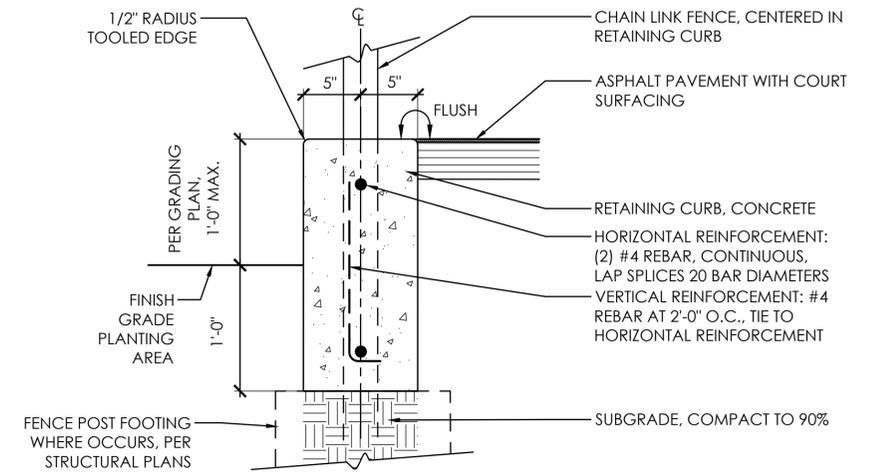


1 DRY WELL

 L8.3 1/2" = 1'-0"

 PROP-PP-P2911-45

NOTE: INSTALL SCORE JOINTS AT 5'-0" O.C. WITH EVERY OTHER JOINT CENTERED ON FENCE POSTS. INSTALL EXPANSION JOINTS NO GREATER THAN 20'-0" O.C. AND CENTERED ON FENCE POST AND AT ALL CORNERS.



2 RETAINING CURB

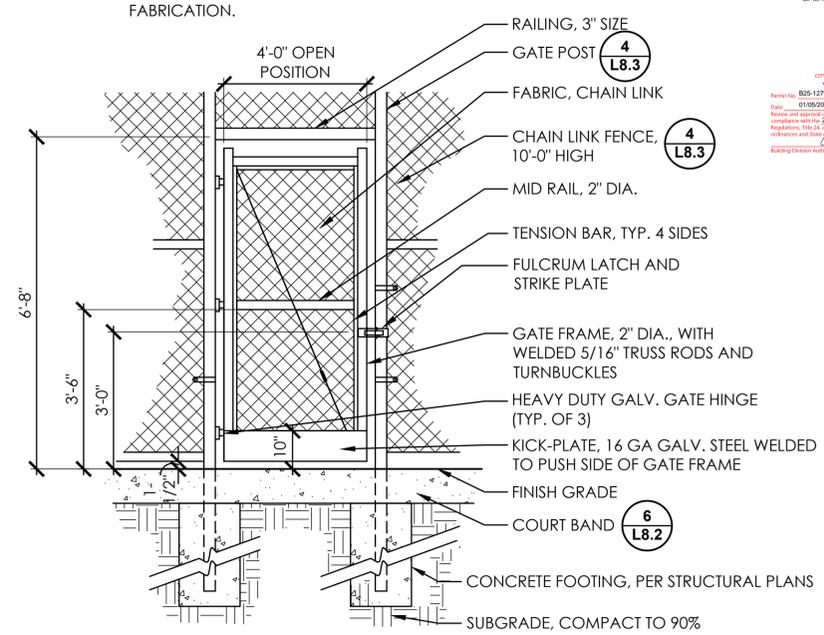
 L8.3 1 1/2" = 1'-0"

 PROP-PP-P2911-60

NOTES:

 1. THE MAXIMUM FORCE REQUIRED TO PUSH OR PULL OPEN THE GATE SHALL NOT EXCEED 5 POUNDS PER CBC 11B-404.2.9.

 2. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.



3 CHAIN LINK SINGLE GATE, 6'-8" HEIGHT

 L8.3 1/2" = 1'-0"

 PROP-PP-P2911-63

NOTE:

 1. INSTALL FENCE FABRIC ON THE COURT SIDE OF THE FENCE FRAME.

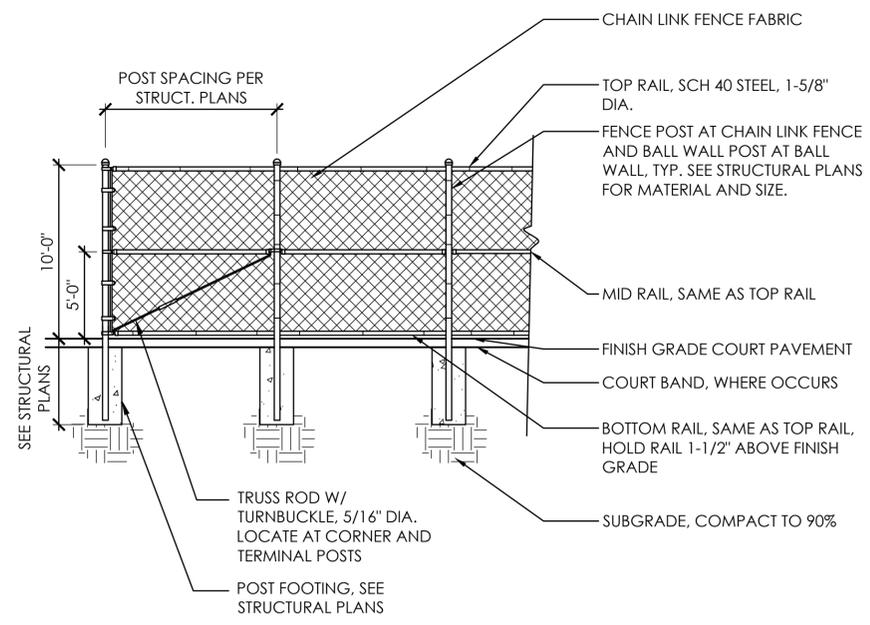
 2. WHEN FENCE IS ADJACENT TO AN EXISTING FENCE THAT IS LESS THAN 10 FEET TALL, THE NEW FENCE SHALL MATCH THE HEIGHT OF THE EXISTING FENCE.

 3. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

 4. INSTALL WINDSCREEN TYPE 1 ON FENCE AT LOCATIONS SHOWN ON PLAN.

 5. REFER TO ELECTRICAL PLANS FOR PUSH BUTTON CONTROLS ON FENCE POSTS.

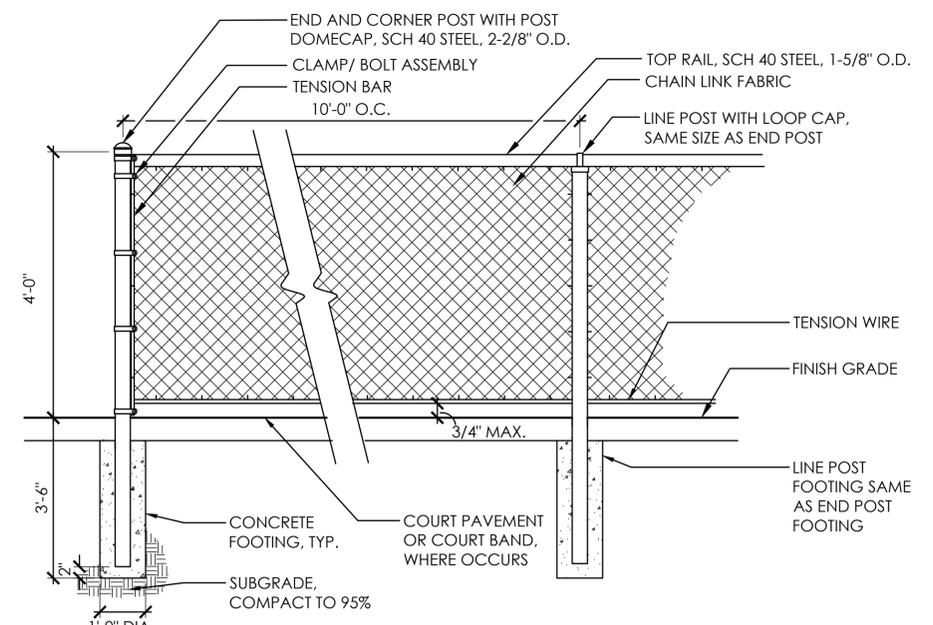
NOTE: SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.



4 CHAIN LINK FENCE, 10' HEIGHT

 L8.3 3/16" = 1'-0"

 PROP-PP-P2911-23



5 CHAIN LINK FENCE, 4' HEIGHT

 L8.3 1/2" = 1'-0"

 PROP-PP-P2911-22

CITY OF SANTA ROSA

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CITY OF SANTA ROSA

 GALVIN COMMUNITY PARK COURTS RENOVATION

 CONSTRUCTION DETAILS

CHK BY: NR

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SHEET 21 OF 34

FILE NO. 2024-0014

L8.3

CITY OF SANTA ROSA

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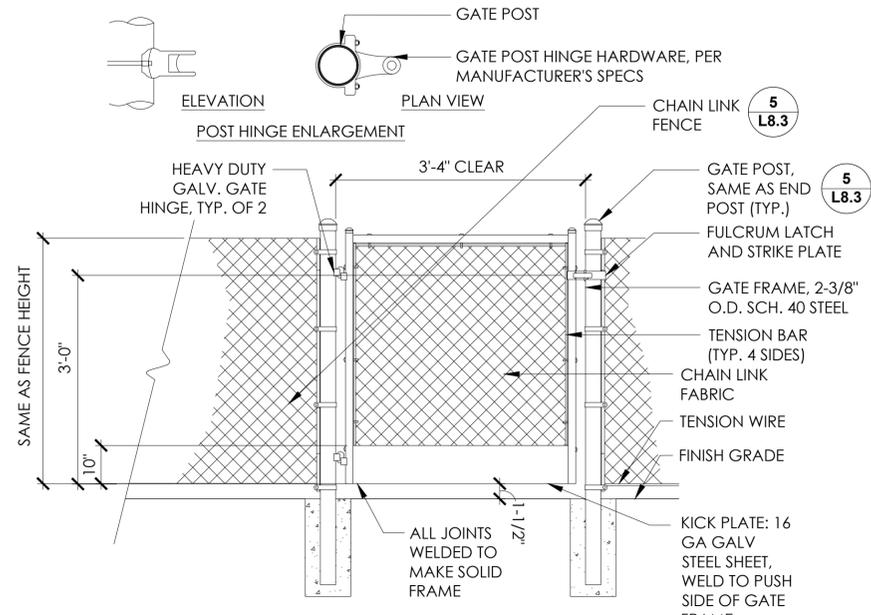
 Regulations, Title 24, and Title 25, City of Santa Rosa

 Ordinance and Signatory

 Building Division

NOTES:

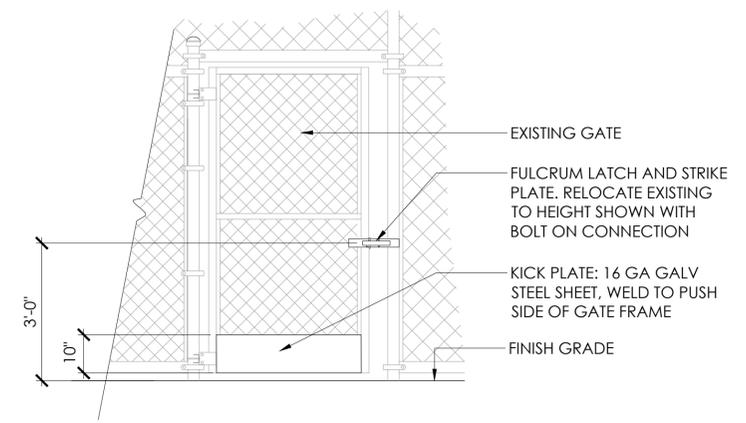
1. THE MAXIMUM FORCE REQUIRED TO PUSH OR PULL OPEN THE GATE SHALL NOT EXCEED 5 POUNDS PER CBC 11B-404.2.9.
2. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.



1 CHAIN LINK SINGLE GATE, 4' HEIGHT

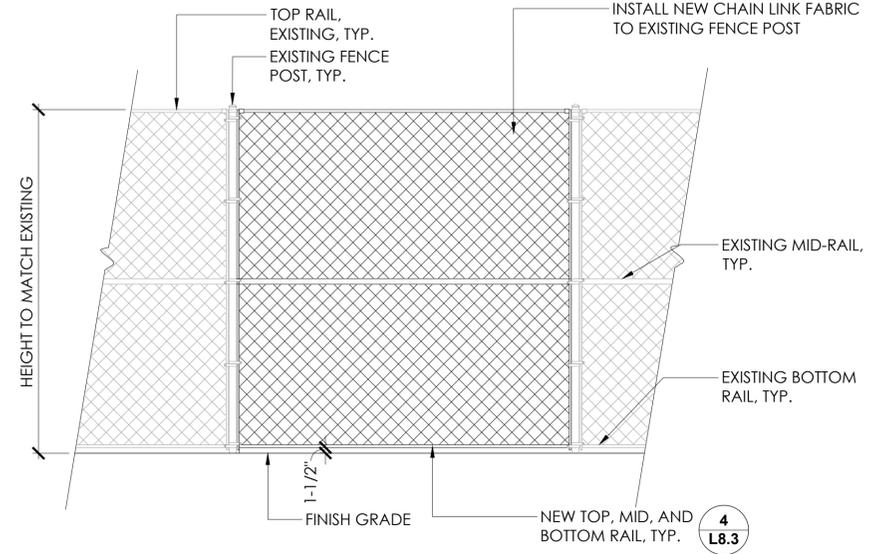
 L8.4 1/2" = 1'-0" PROP-PP-P2911-61

NOTE: THE MAXIMUM FORCE REQUIRED TO PUSH OR PULL OPEN THE GATE SHALL NOT EXCEED 5 POUNDS PER CBC 11B-404.2.9.



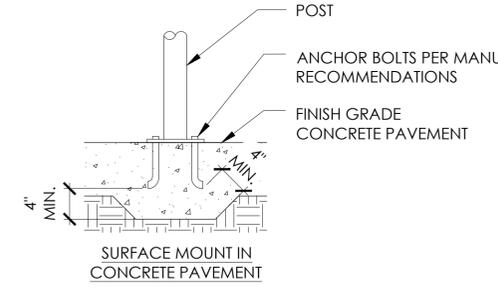
2 CHAIN LINK SINGLE GATE MODIFICATION

 L8.4 1/2" = 1'-0" PROP-PP-P2911-64

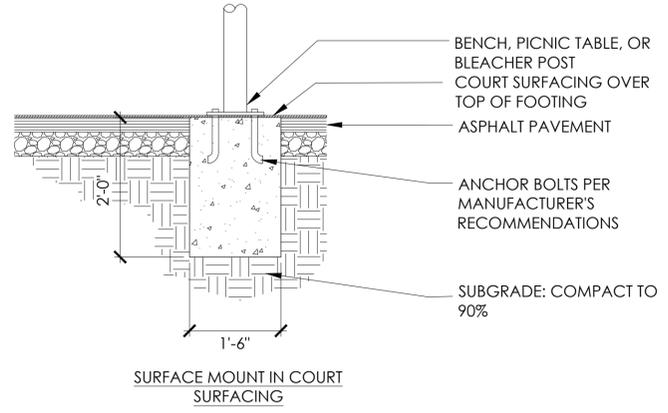


3 CHAIN LINK FENCE REPAIR

 L8.4 3/8" = 1'-0" PROP-PP-P2911-32



SURFACE MOUNT IN CONCRETE PAVEMENT

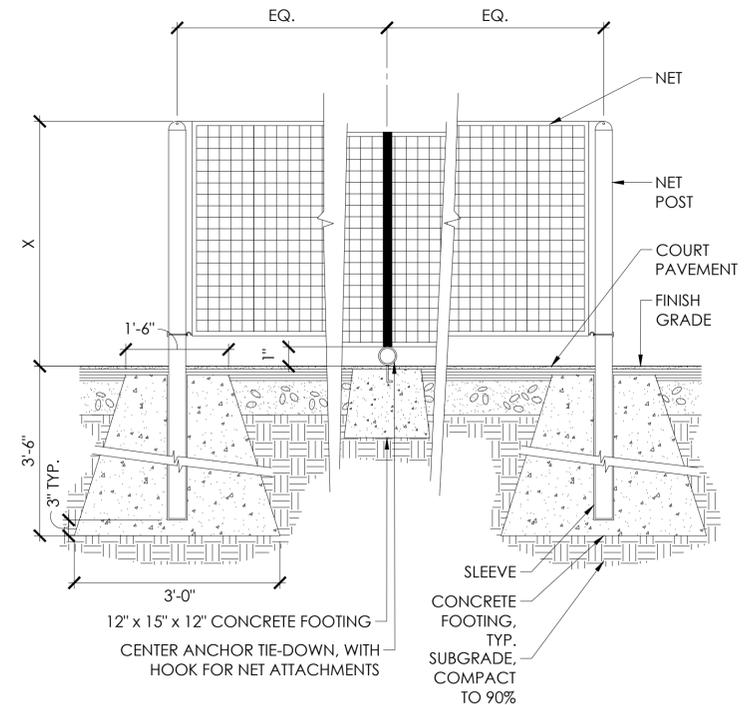


SURFACE MOUNT IN COURT SURFACING

4 SITE FURNISHING FOOTING

 L8.4 1" = 1'-0" PROP-PP-P2911-33

	PICKLEBALL	TENNIS
X	3'-0"	3'-6"



5 NET, POST, AND CENTER TIE-DOWN

 L8.4 3/4" = 1'-0" P-CLA-06-12.dwg

CITY OF SANTA ROSA

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 CONSERVATION:

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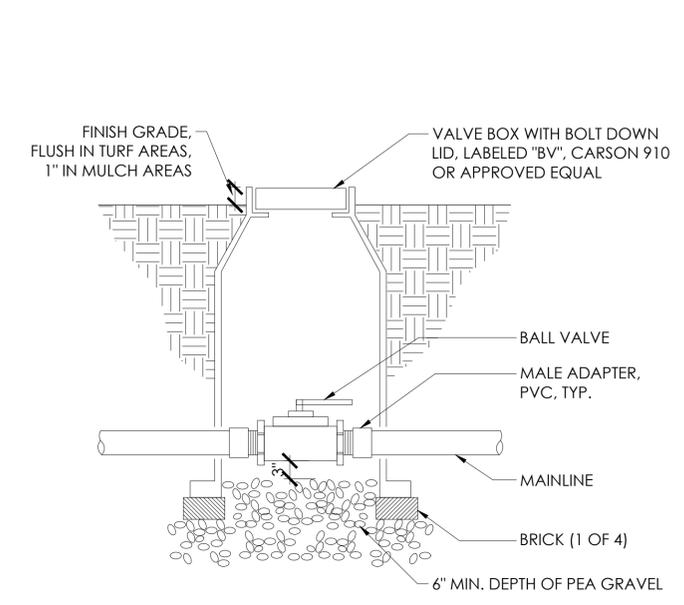
 CONTRACT NO. C00714

 SHEET 22 OF 34

 FILE NO. 2024-0014

L8.4

NOTE: WHEN QUICK COUPLING VALVE IS LOCATED WITHIN COURT, LOCATE QUICK COUPLING VALVE BOX 6" OFFSET FROM THE EDGE OF THE THE COURT PAVEMENT. INSTALL COURT SURFACING ON TOP OF THE VALVE BOX LID. REFER TO COURT SURFACING SPEC SECTION FOR LID PREPARATION REQUIREMENTS.



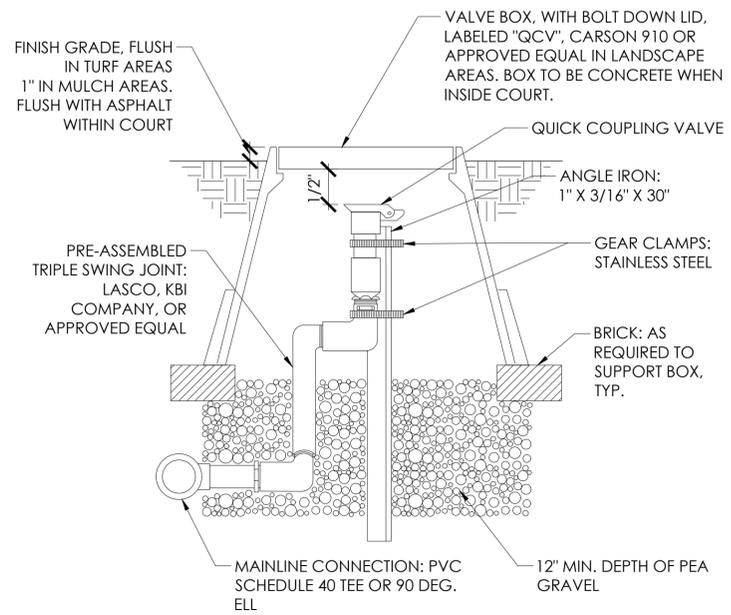
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L8.6

 BALL VALVE

 1/4" = 1'-0"

 P-CLA-15-30.dwg



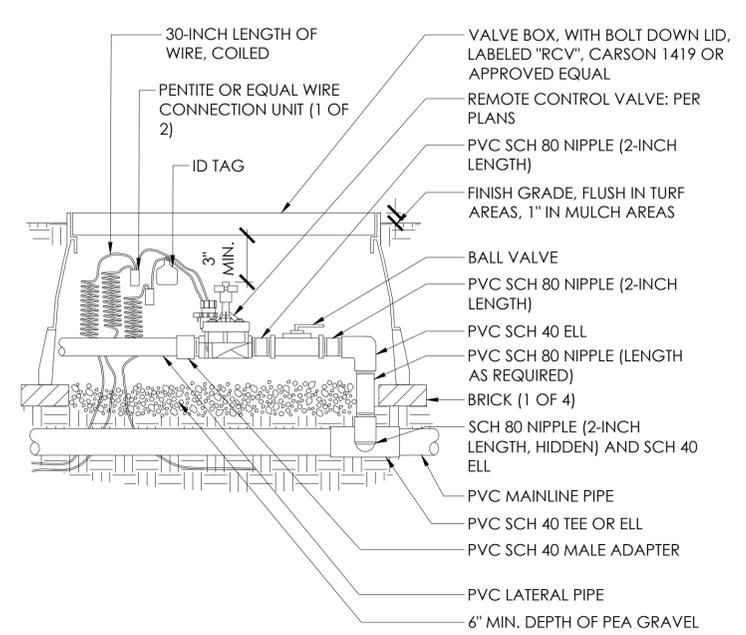
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L8.6

 QUICK COUPLING VALVE

 3" = 1'-0"

 P-CLA-15-34.dwg



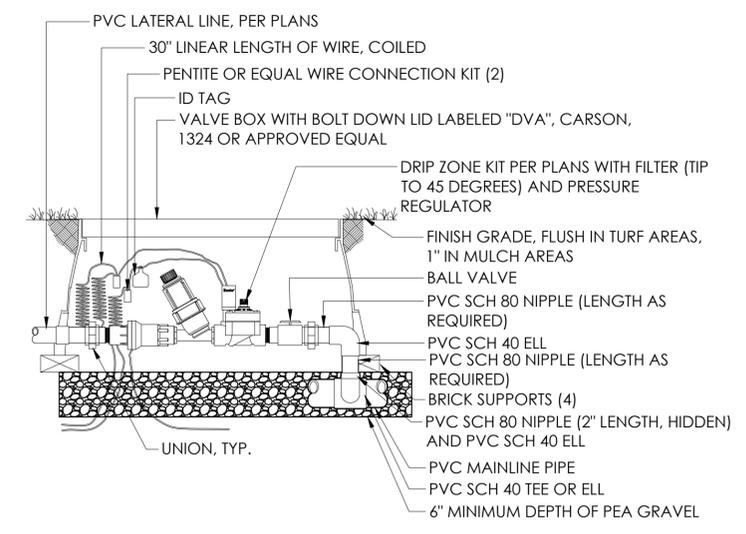
3

L8.6

 REMOTE CONTROL VALVE

 1" = 1'-0"

 P-CLA-15-35.dwg



4

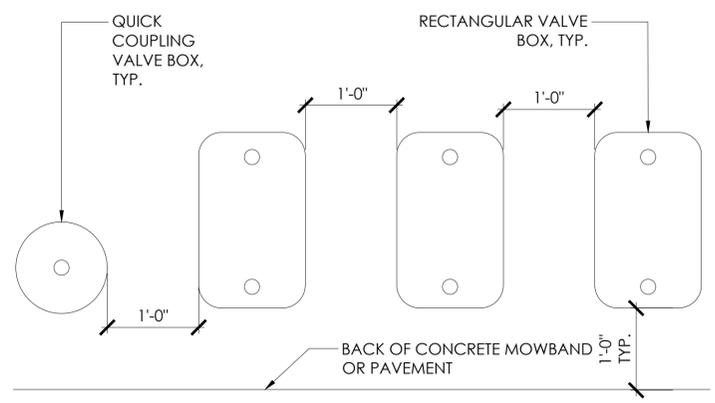
L8.6

 DRIP CONTROL ZONE KIT

 1 1/2" = 1'-0"

 P-CLA-15-17.dwg

- NOTES:
- CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
 - SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREAS.
 - SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF ADJACENT PAVEMENT
 - AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOXES.



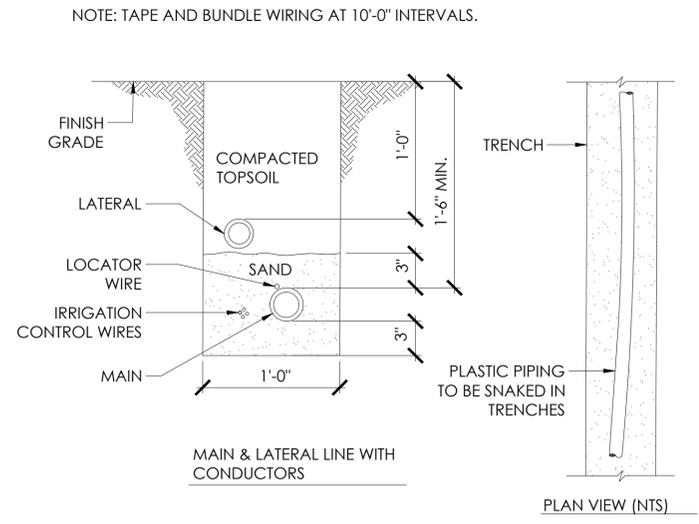
5

L8.6

 VALVE BOX LAYOUT

 1" = 1'-0"

 P-CLA-15-03.dwg



6

L8.6

 TRENCHING

 1 1/2" = 1'-0"

 P-CLA-15-42.dwg

CITY OF SANTA ROSA

 PROJECT REVIEWED AND APPROVED BY WATER

 CONSERVATION:

 Name: C. GURNEY

 Date: 12/1/2025

 Comments:

 Building Permit # B25-1279

NO.	DATE	REVISION	BY

CITY OF SANTA ROSA

 GALVIN COMMUNITY PARK COURTS RENOVATION

 CONSTRUCTION DETAILS

CHK BY:	NR
DATE:	9/15/25
DWN BY:	IC/DC
SCALE:	AS SHOWN
CONTRACT NO.:	C00714
SHEET	24 OF 34
FILE NO.	2024-0014

L8.6



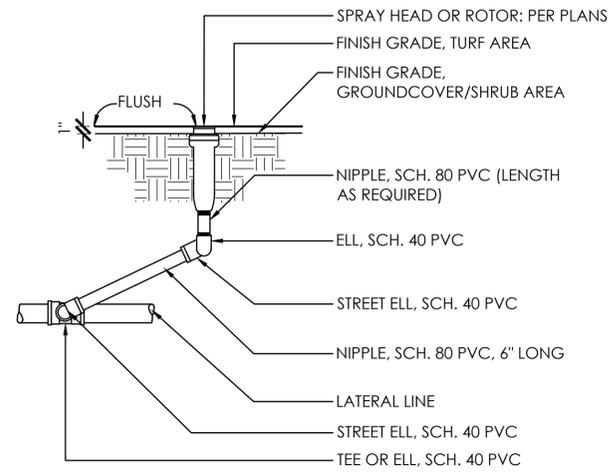
1633 Boyshore Highway, Suite 133
Burlingame, CA 94010
T 650.375.1313
www.calalandscapeassociates.com
CALA Project No. 24023



CITY OF SANTA ROSA APPROVED
Permit # B25-1279
Date: 02/05/2025
I have reviewed these documents in detail and
compliance with the 2022 California Code of
Regulations, Title 24, and all applicable City of Santa Rosa
ordinances and laws. I certify that:
Building Division Approval Required

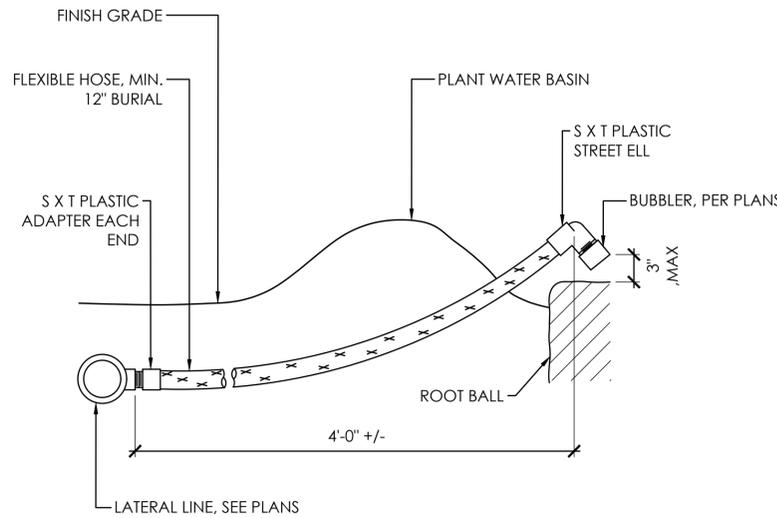


# OF BUBBLERS / PLANTS	GPM	PIPE SIZE
1-140	0-10	3/4"
141-225	11-16	1"
226-400	17-28	1-1/4"
401-480	29-34	1-1/2"

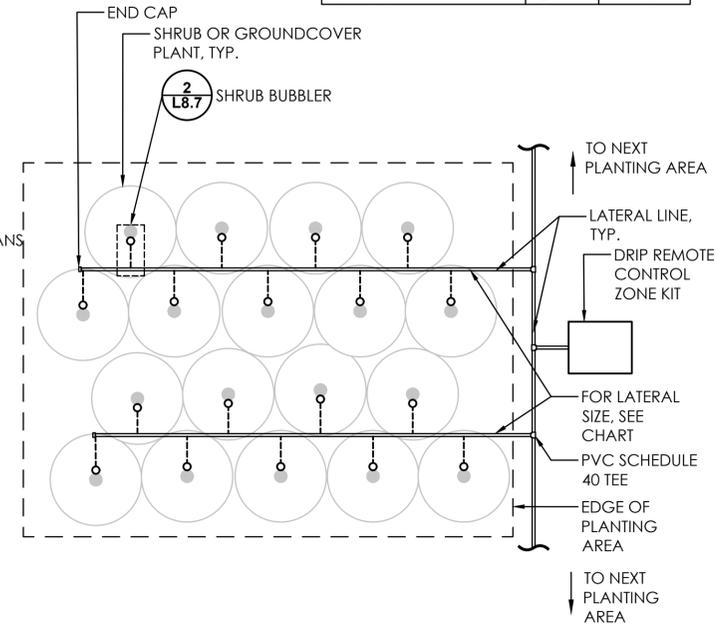


NOTE: ASSEMBLE ENTIRE UNIT AS TRIPLE SWING JOINT. AS AN ALTERNATIVE TO THE ABOVE MATERIALS, "MARLEX" POLYETHYLENE FITTINGS OR A PRE-MANUFACTURED PRODUCT MAY BE SUBSTITUTED.

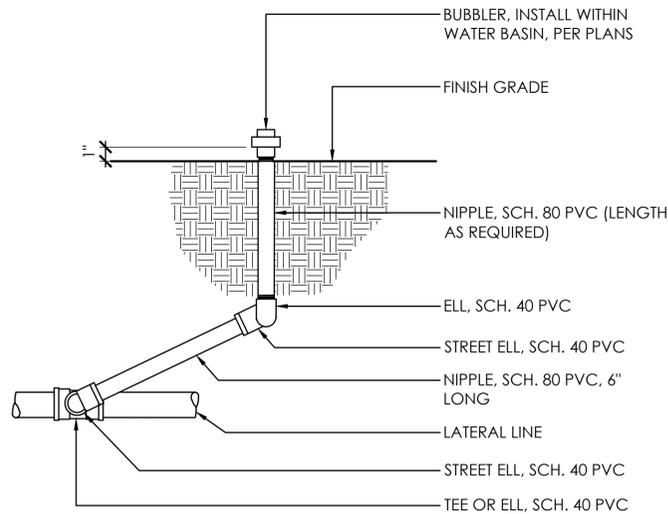
1
L8.7
1/4" = 1'-0"
P-CLA-15-39.dwg



2
L8.7
1" = 1'-0"
P-CLA-15-10.dwg



3
L8.7
1/4" = 1'-0"
PROP-PP-P2911-101



NOTE: ASSEMBLE ENTIRE UNIT AS TRIPLE SWING JOINT

4
L8.7
1 1/2" = 1'-0"
P-CLA-15-09.dwg

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
Name: C. GURNEY Date: 12/1/2025
Comments:
Building Permit # B25-1279

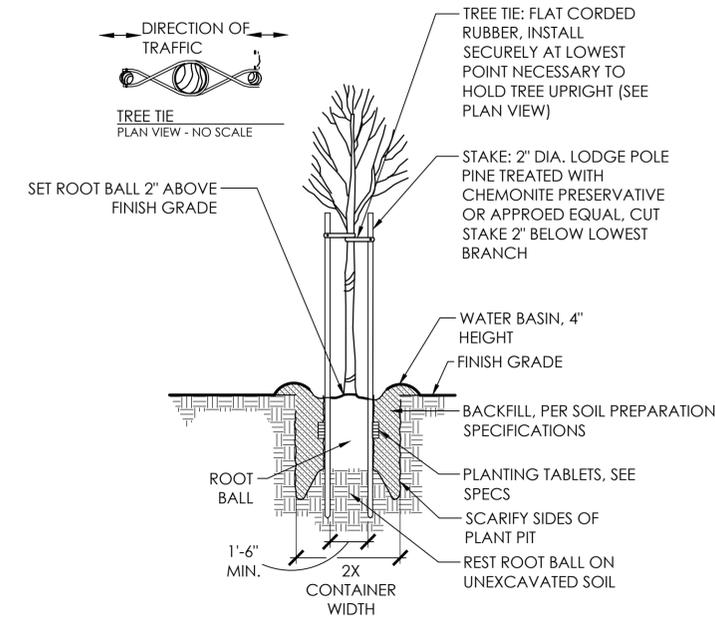
CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION

CONSTRUCTION DETAILS

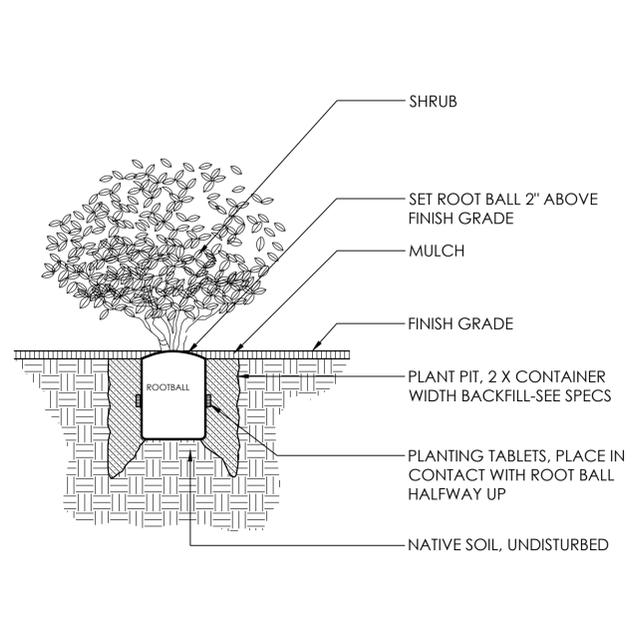
CHK BY:	NR
DATE:	9/15/25
DWN BY:	IC/DC
SCALE:	AS SHOWN
CONTRACT NO.	C00714
SHEET	25 OF 34
FILE NO.	2024-0014

L8.7

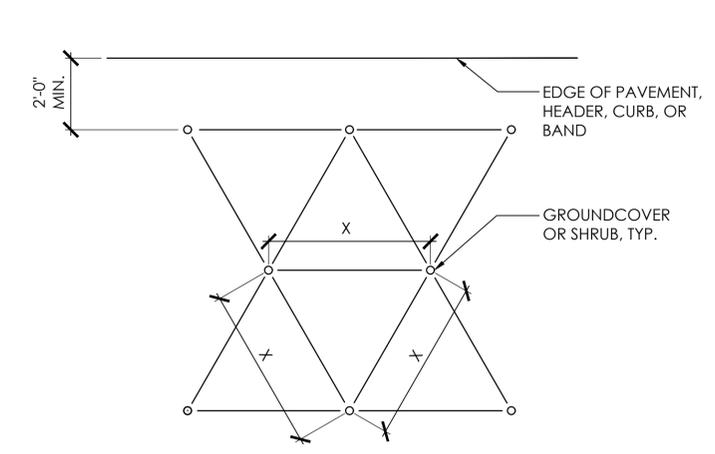
CITY OF SANTA ROSA
 APPROVED
 Permit No. B25-1279
 Date: 01/05/2025
 Review and Approval of these documents is based upon compliance with the 2022 California Code of Regulations, Title 24, Part 9, Chapter 22, City of Santa Rosa Ordinance and Santa Rosa California Code Building Division Approval Signature



1 TREE PLANTING
 L8.8 3/8" = 1'-0" P-CLA-16-08.dwg

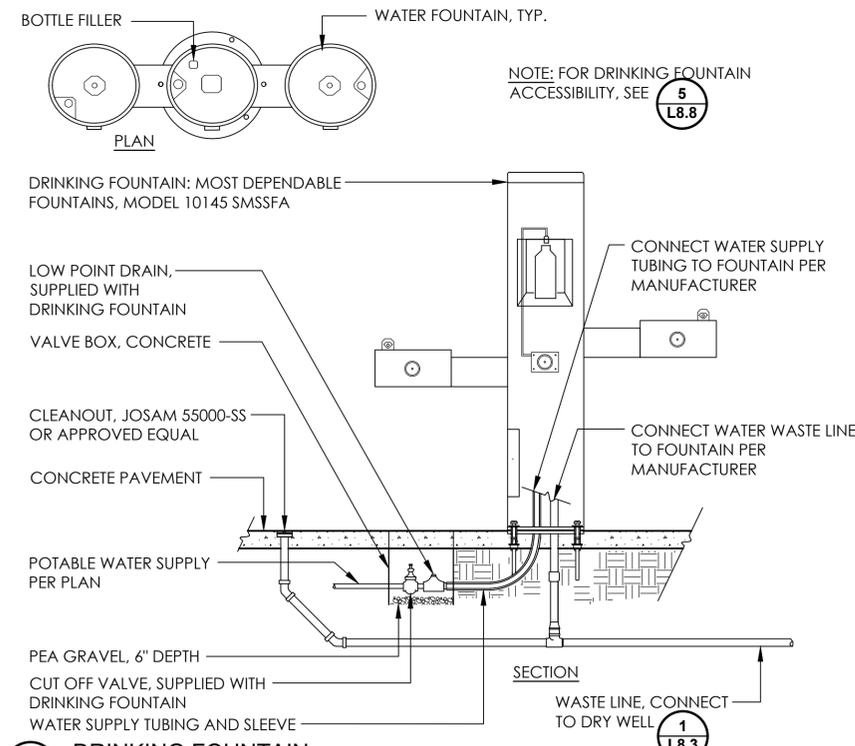


2 SHRUB PLANTING
 L8.8 1/4" = 1'-0" P-CLA-16-04.dwg

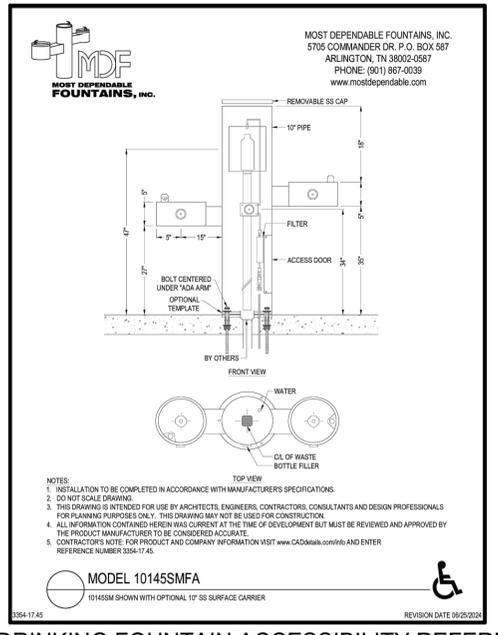


3 GROUND COVER SPACING
 L8.8 1/4" = 1'-0" P-CLA-16-01.dwg

NOTE:
 FOR PLANT SPACING 'X' SEE PLANTING PLAN



4 DRINKING FOUNTAIN
 L8.8 1" = 1" PROP-PP-P2911-92



5 DRINKING FOUNTAIN ACCESSIBILITY REFERENCE
 L8.8 1" = 1" PROP-PP-P2911-93

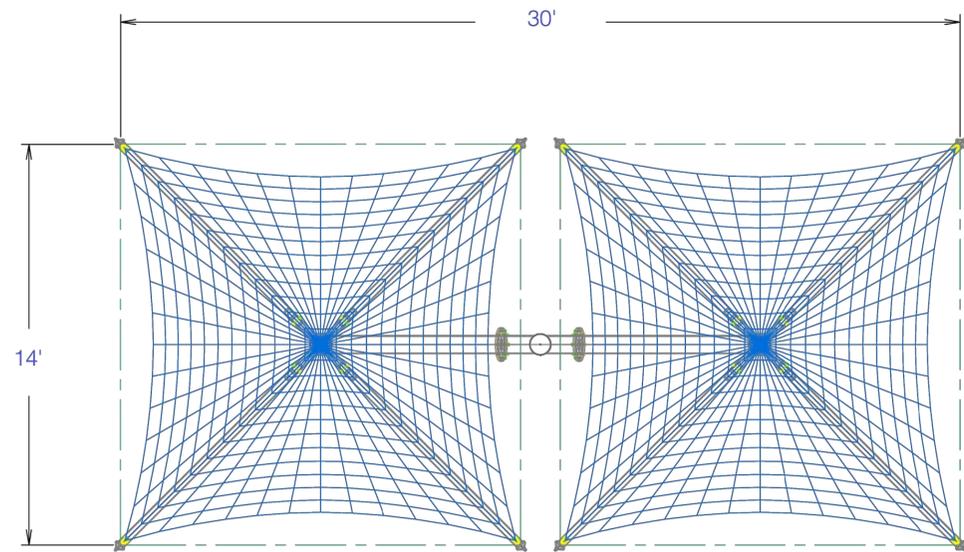
CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
 Name Date
 Comments:
 Building Permit # B25-1279

NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 CONSTRUCTION DETAILS

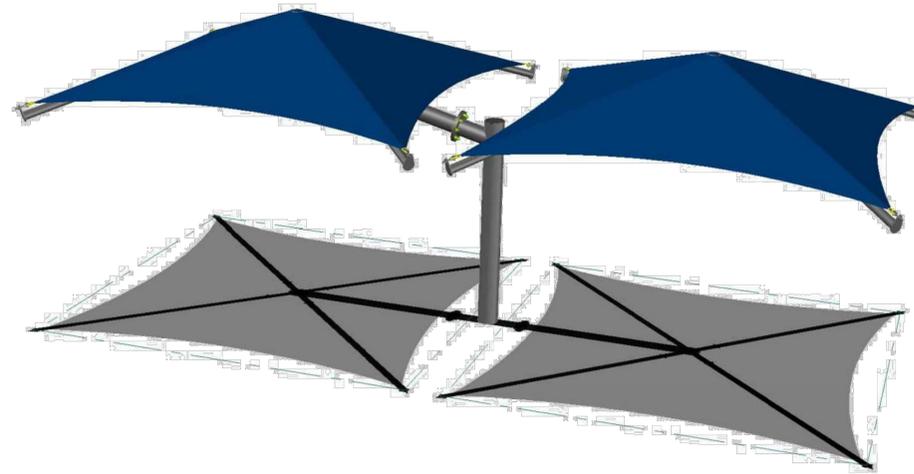
CHK BY:	NR
DATE:	9/15/25
DWN BY:	IC/DC
SCALE:	AS SHOWN
CONTRACT NO.:	C00714
SHEET	26 OF 34
FILE NO.	2024-0014

L8.8

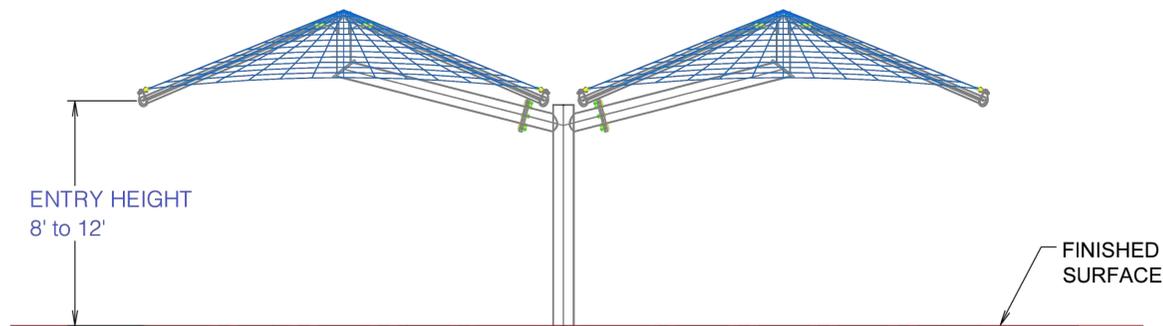


PLAN VIEW

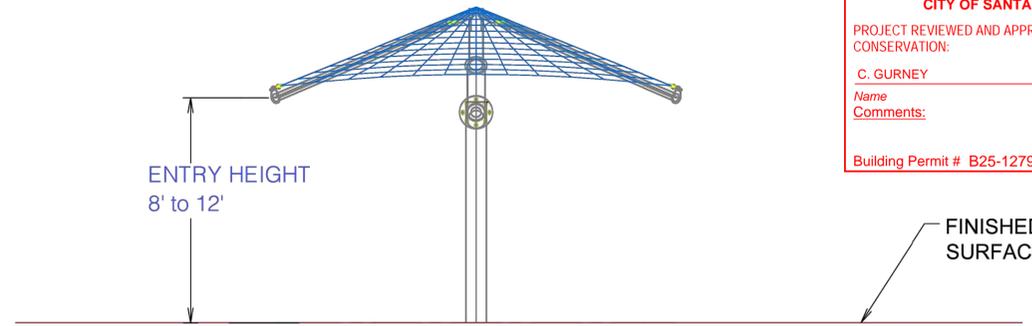
NOTE:
REFER TO STRUCTURAL PLANS FOR SHADE STRUCTURE FOOTINGS.



PERSPECTIVE VIEW



FRONT ELEVATION



SIDE ELEVATION

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
C. GURNEY 12/1/2025
Name Date
Comments:
Building Permit # B25-1279

CUSTOMER:
CALLANDER ASSOCIATES
PROJECT NAME:
GALVIN COMMUNITY PARK
LOCATION:
SANTA ROSA, CALIFORNIA
STRUCTURE TYPE:
SINGLE POST PYRAMID
CANTI DOUBLE QRE
SIZE:

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.
USA SHADE & Fabric Structures
CORPORATE HEADQUARTERS
DFW INTERNATIONAL COMMERCE PARK
2580 ELLERS BLVD., SUITE 100
DFW AIRPORT, TX 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

Shade Structure:
14'x30' Single Post Pyramid Double
Model #145.1
Fabric Roof Color: TBD ;
Powder Coat Steel Color: TBD ;
As manufactured and installed by:
USA SHADE & Fabric Structures
Contact:
Erik Anslinger, (408) 478-1646
erik.anslinger@usa-shade.com

Drawn By : AZR
Checked By : AZR

Approved By :

DRAWING DESCRIPTION:

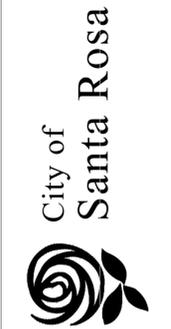
VERSION 145.1

DWG. 145.1

NOTES:
-THESE DRAWINGS ARE NOT FOR CONSTRUCTION, THEY ARE A PICTORIAL REPRESENTATION OF FABRIC AND STEEL ONLY. NONE OF THE REQUIRED ATTACHMENT OR CONNECTION DETAILS HAVE BEEN DEPICTED.
-ALL DIMENSIONS AND HEIGHTS MUST BE FIELD VERIFIED PRIOR TO ANY FINAL DESIGN, FABRICATION OR INSTALLATION WORK.

145.1 - SINGLE POST PYRAMID DOUBLE QRE

1 SHADE STRUCTURE
L8.9 NOT TO SCALE



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION
CONSTRUCTION DETAILS

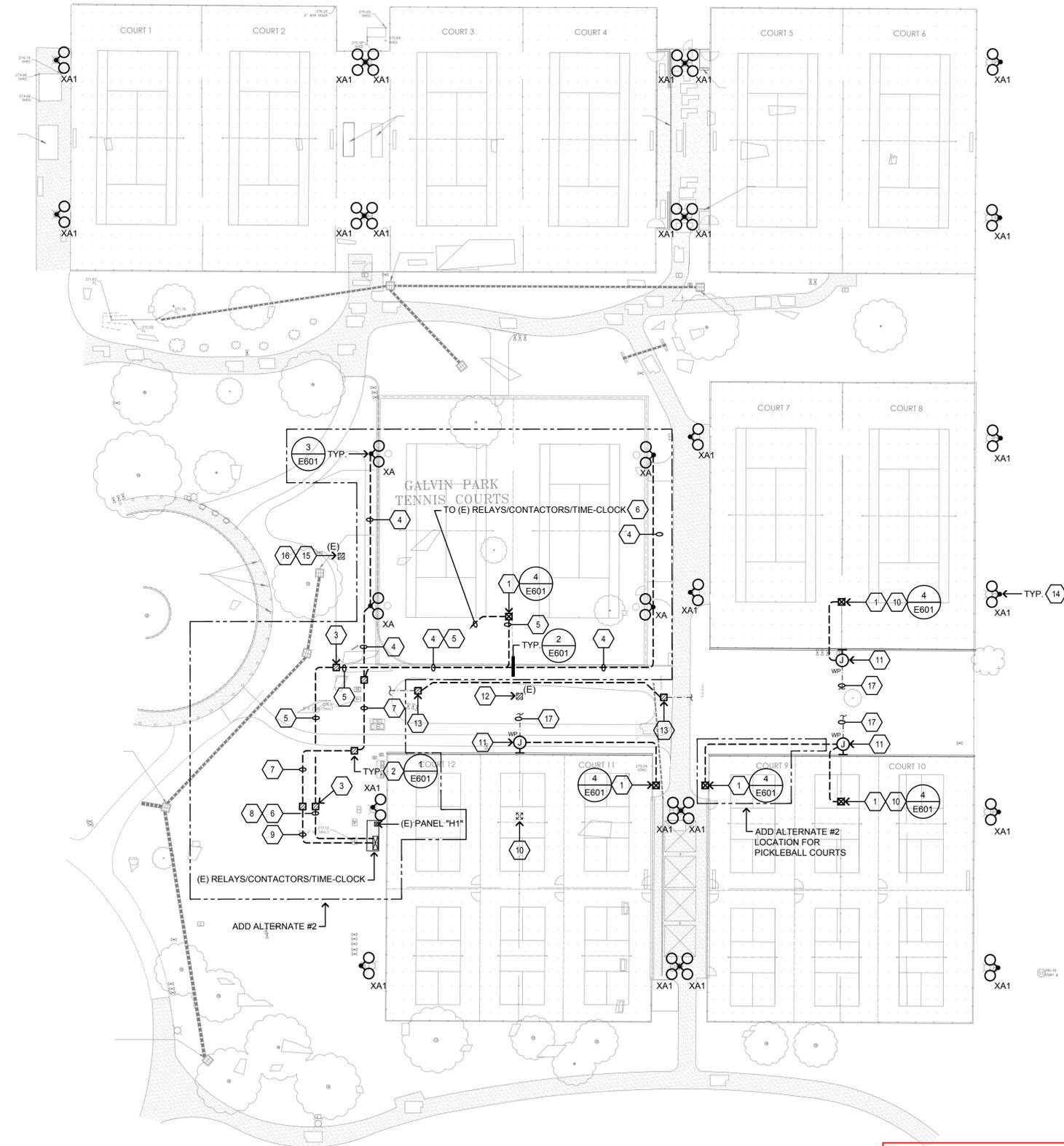
CHK BY: NR
DATE: 9/15/25
DWN BY: IC/DC
SCALE: AS SHOWN
CONTRACT NO. C00714
SHEET 27 OF 34
FILE NO. 2024-0014

L8.9

File Path: \\projects\2024\Projects\2403_GalvinParkRenovation\3_Construction\Documents\2403_D1.dwg Per Date: 10/13/25 Saved By: icerra Copyright © 2024 Callander Associates Landscape Architecture, Inc.



INDICATES BID ALTERNATE →



- ### SHEET NOTES
- PROVIDE & INSTALL SQUARE D PUSH BUTTON MOUNTED ON INSIDE OF TENNIS COURT FENCE. INSTALL FLIP UP/OPERABLE WEATHERPROOF COVER OVER PUSH-BUTTON.
 - PROVIDE & INSTALL IN-GRADE CHRISTY #N16 PULL BOX, LID LABELED "LIGHTING".
 - PROVIDE & INSTALL IN-GRADE CHRISTY #N16 PULL BOX, LID LABELED "SYSTEMS".
 - PROVIDE & INSTALL 1/2" C., 2 #8 & 1 #8 GND TO EACH FIXTURE.
 - PROVIDE & INSTALL 3/4" C. WITH LOW VOLTAGE CONTROL WIRES FOR CONTROLS.
 - PROVIDE & INSTALL 3/4" C. WITH 2 #10 & 1 #10 GND FOR POWER.
 - PROVIDE & INSTALL (2) 1/2" C., 2 #8 & 1 #8 GND FOR TENNIS COURT POWER.
 - TERMINATE PUSH BUTTON CONTROLS WIRES TO EXISTING PUSH BUTTON CONTROL RELAYS.
 - CONTRACTOR SHALL TRACE & INTERCEPT EXISTING CONDUIT FOR TENNIS COURTS IN NEW PULL BOX.
 - PER GENERAL DEMOLITION NOTES ON SHEET E001: CONTRACTOR SHALL DEMOLISH EXISTING PUSH-BUTTON CONTROLS AND WARNING LIGHT TO FIRST 10'-0" FENCE POST AT PERIMETER.
 - INTERCEPT EXISTING CONDUIT/WIRES IN EXISTING NEMA 3R JUNCTION BOX AND SPLICE/EXTEND NEW 3/4" CONDUIT WITH CONTROL WIRES TO NEW DEVICES AND ENSURE FULL FUNCTIONALITY OF PUSH BUTTON/BEACON LIGHT.
 - CONTRACTOR SHALL DEMOLISH EXISTING PULL BOX IN NEW BIORETENTION AREA AND TRACE/INTERCEPT EXISTING CIRCUITS AROUND BIORETENTION AREA WITH NEW
 - INSTALL IN-GRADE CHRISTY #N30 PULL BOX; LID LABELED "ELECTRICAL". CONTRACTOR SHALL TRACE EXISTING CIRCUITS AROUND BIORETENTION AREA AND LOCATE NEW PULL BOX TO INTERCEPT EXISTING WIRES. WATERPROOF SPLICE AND RECONNECT AROUND BIORETENTION AREA WITH NEW WIRES, MATCHING EXISTING AND INSTALL NEW (2) 2" CONDUITS BETWEEN TWO NEW PULL BOXES. CONTRACTOR SHALL ASSUME MINIMUM OF: (12) #1 GAUGE WIRES, FIELD VERIFY.
 - CONTRACTOR SHALL ACCOUNT FOR SEPARATE COST LINE ITEM FOR REPLACEMENT OF EXISTING TWIN FIXTURE HEAD MOUNTING BRACKET WITH NEW.
 - DEMOLISH (E) PULL BOX FOR OLD TENNIS COURT BUILDING PREVIOUSLY REMOVED. DISCONNECT WIRES COMPLETE WHERE NOT ASSOCIATED WITH COURT LIGHTING.
 - ENSURE NO (E) LIGHTING CIRCUITS ARE IMPACTED BY DEMOLITION OF PULL BOX.
 - EXISTING CONDUIT AND CIRCUIT WIRES.

GENERAL NOTES:

A. CONTRACTOR SHALL LOCATE ALL (E) UNDERGROUND UTILITIES PRIOR TO TRENCHING AND TAKE CAUTION TO AVOID DAMAGE DURING TRENCHING. HAND TRENCH IF NECESSARY. CONTRACTOR SHALL MAKE ALL REPAIRS TO DAMAGED UTILITIES AT NO CHARGE TO OWNER.

B. ALL WIRING FOR SPORTS LIGHTING SHALL BE #8 AWG MINIMUM IN 1/2" C., U.O.N.

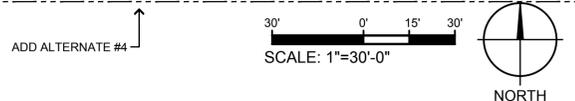
LIGHT FIXTURE SCHEDULE

FIXTURE NOTES:

- ALL LED LIGHT FIXTURE DRIVERS SHALL BE ELECTRONIC TYPE, 10% TOTAL HARMONIC DISTORTION MAXIMUM.
- ALL LED LIGHT MODULES SHALL BE ENERGY SAVING 3500°K, 80 CRI MINIMUM, U.O.N. (SEE SPECIFICATIONS FOR MORE INFORMATION).
- ALL LED DRIVERS (AND ASSOC. FIXTS.) SHALL HAVE MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH CALIFORNIA ENERGY COMMISSION STANDARDS AND REQUIREMENTS, WHERE SUCH ARE USED IN CONDITIONED SPACES.

TYPE	DESCRIPTION	LAMPS	MANUFACTURER	MOUNTING DETAIL
XA	33" x 37" x 5" LED SPORTS LIGHTING FIXTURE, HEAVY-DUTY, DIE CAST ALUMINUM HOUSING, WITH EXTERNAL HEAT RATING FINS. KNUCKLE MOUNT. HIGHEST LUMEN OUTPUT LED OPTICS FOR COURT LIGHTING. STANDARD UNIVERSAL VOLTAGE DRIVER (120-277V), 0-10V DIMMING. POLYESTER POWDER COAT FINISH.	884/ FIXTURE 4000°K LED	VISIONAIRE LIGHTING BLX-II_8_T4T_256LC_10_4K-VOLT-KM POLE: KW LIGHTING STEEL POLE W/ BLACK FINISH	3 E601
XA1	SAME AS FIXTURE TYPE "XA" EXCEPT INSTALLED ON (E) POLE W/ NEW BRACKET ARMS & MOUNTING HARDWARE. CONTRACTOR SHALL RE-USE EXISTING CIRCUIT WIRES/CONDUIT AND RE-CONNECT TO NEW LIGHT FIXTURES.	884/ FIXTURE 4000°K LED	VISIONAIRE LIGHTING BLX-II_8_T4T_256LC_10_4K-VOLT-KM	

CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
C. GURNEY 12/1/2025
 Name Date
 Comments:
 Building Permit # B25-1279



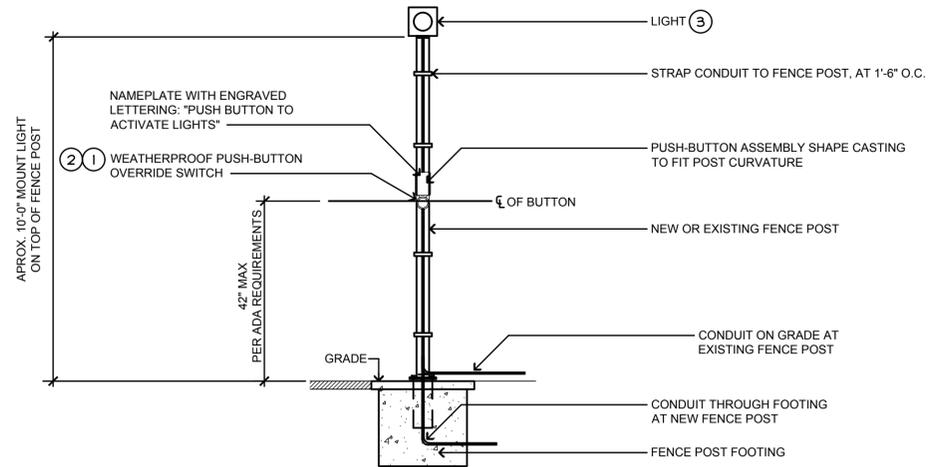
City of Santa Rosa

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 ELECTRICAL SITE PLAN

NO.	DATE	REVISION	BY

CHK BY: NA
 DATE: 09/15/25
 DWN BY: AC
 SCALE: AS SHOWN
 CONTRACT NO. C00714
 SHEET 29 OF 34
 FILE NO. 2024-0014

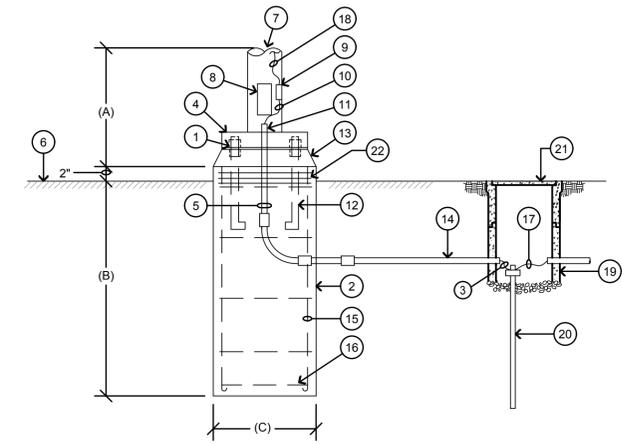
E201



- DETAIL NOTES:**
1. PROVIDE & INSTALL DIE CAST JUNCTION BOX ENCLOSURE WITH INTEGRAL GUARD FOR PUSH-BUTTON, SQUARE D #9001KYG12.
 2. PROVIDE & INSTALL WEATHERPROOF FITTINGS OVER PUSH-BUTTON.
 3. PROVIDE & INSTALL WEATHERPROOF 120V AMBER LED VISUAL BEACON WITH WEATHERPROOF JUNCTION BOX, EDWARDS SIGNALING #101XBRM-120A OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS TO MAINTAIN INTEGRITY OF WEATHERPROOF SEAL.

PUSH-BUTTON OPERATIONS:
TIMEOUT WARNING: 1-60 SECONDS, SET TO 30.

4 SQUARE D PUSH-BUTTON DETAIL
 NO SCALE

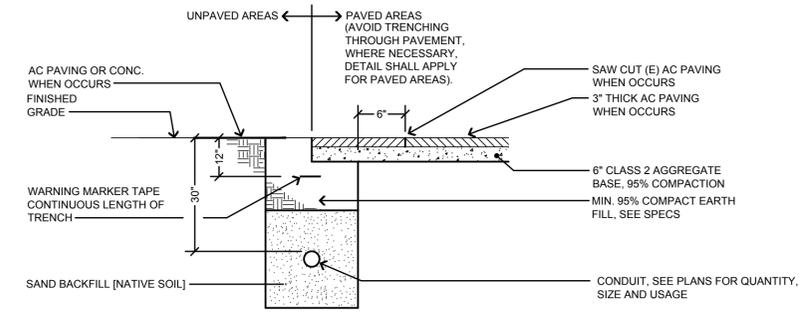


A	B	C
POLE LENGTH	FOOTING DEPTH BELOW GRADE	FOOTING DIAMETER
35'-0"	SEE STRUCTURAL	SEE STRUCTURAL

- DETAIL NOTES:**
1. LEVELING NUTS.
 2. SEE STRUCTURAL PLANS FOR REQUIREMENTS.
 3. #8 COPPER GROUND FROM POLE TO GROUND ROD.
 4. BASE COVER.
 5. RIGID STEEL ELBOWS AND CONDUIT, WRAP WITH PVC TAPE OVERLAPPED 50%.
 6. FINISHED GRADE.
 7. LUMINAIRE POLE.
 8. HAND HOLE.
 9. GROUNDING LUG.
 10. GROUND CONDUCTOR.
 11. BUSHING, ON CONDUIT(S), CAP BEFORE POURING CONCRETE.
 12. SEE STRUCTURAL PLANS FOR REQUIREMENTS.
 13. SEE STRUCTURAL PLANS FOR REQUIREMENTS.
 14. PVC SCH 40 FROM RIGID STEEL ELBOWS TO PULL BOX.
 15. SEE STRUCTURAL PLANS FOR REQUIREMENTS.
 16. SEE STRUCTURAL PLANS FOR REQUIREMENTS.
 17. CONNECT BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR TO GROUND ROD.
 18. #10 EQUIPMENT GROUNDING CONDUCTOR FROM POLE GROUND LUG TO LUMINAIRE.
 19. TYPICAL PULL BOX INSTALLATION, SEE 2/E601.
 20. GROUND ROD, MIN 8' IN SOIL.
 21. CHRISTY #N16, LID LABELED "LIGHTING".
 22. SEE STRUCTURAL PLANS FOR REQUIREMENTS.

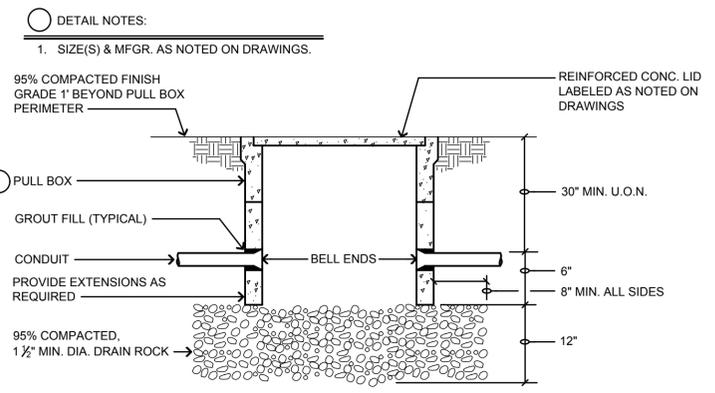
CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
C. GURNEY 12/1/2025
 Name Date
 Comments:
 Building Permit # B25-1279

3 TYPICAL POLE BASE DETAIL
 NO SCALE



- NOTES:**
1. SAW CUT, TRENCH & BACKFILL FOR (N) CONDUITS. PATCH WALKWAY TO MATCH (E) SURROUNDING SURFACES. CARE SHALL BE TAKEN TO PROTECT EXISTING TREES. RESEED OR RESOD (E) DISTURBED PLANTED AREAS TO CITY'S SATISFACTION.
 2. EXISTING A.C. SHALL BE CUT AND REMOVED IN SUCH A MANNER SO AS NOT TO TEAR BULGE OR DISPLACE ADJACENT PAVEMENT. EDGES SHALL BE CLEAN AND VERTICAL. ALL CUTS SHALL BE PARALLEL OR PERPENDICULAR TO STREET CENTERLINE, WHEN PRACTICAL.
 3. BASE MATERIAL TO BE REPLACED TO THE DEPTH OF EXISTING BASE AND COMPACTED TO A MIN. 95% RELATIVE COMPACTION. A.C. MAY BE SUBSTITUTED FOR BASE MATERIAL. WHEN USED AS BACKFILL, CLASS 100-E-100 P.C.C. MAY BE SUBSTITUTED FOR BASE MATERIAL.
 4. A TACK COAT OF ASPHALTIC EMULSION OR PAVING ASPHALT SHALL BE APPLIED TO EXISTING A.C. AT ALL CONTACT SURFACES, PRIOR TO RESURFACING.
 5. ASPHALTIC CONCRETE RESURFACING:
 A) MINIMUM TOTAL THICKNESS SHALL BE ONE INCH GREATER THAN EXISTING A.C.
 B) A.C. SHALL BE HOT PLANT MIX.
 6. ALL A.C. RESURFACING SHALL BE SEAL COATED WITH AN EMULSIFIED ASPHALT AND COVERED WITH CLEAN SAND.

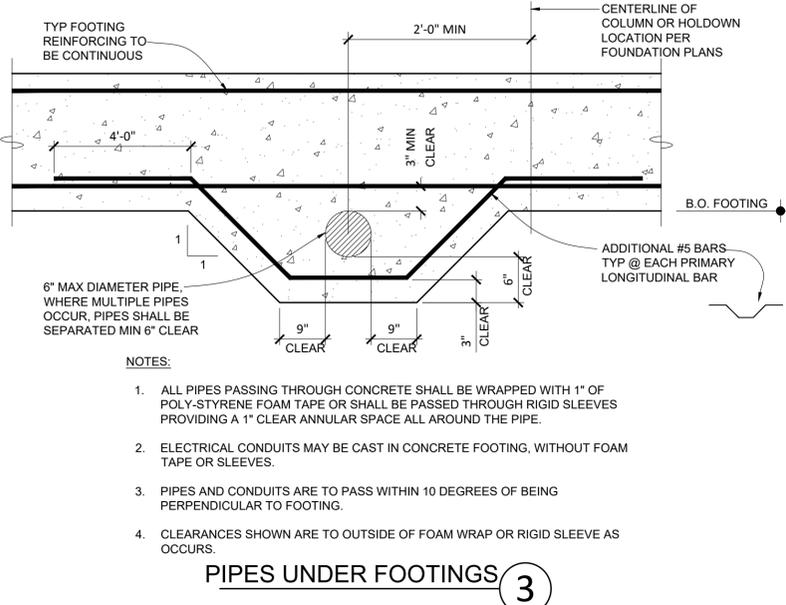
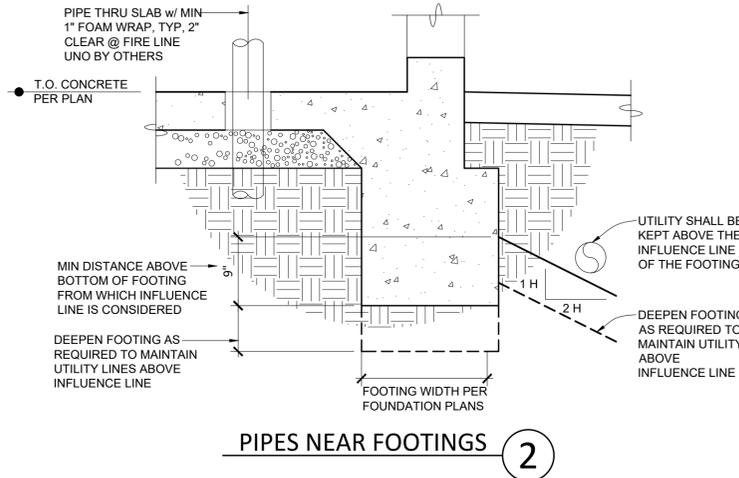
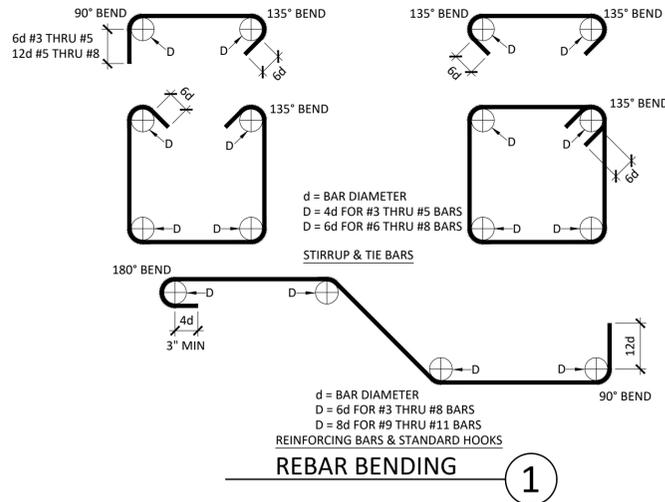
2 TYPICAL TRENCH SECTION
 NO SCALE



1 TYPICAL PULLBOX DETAIL
 NO SCALE

NO.	DATE	REVISION	BY

CHK BY:	NA
DATE:	09/15/25
DWN BY:	AC
SCALE:	AS SHOWN
CONTRACT NO.:	C00714
SHEET	30 OF 34
FILE NO.	2024-0014



CONCRETE NOTES:

- ALL CONCRETE SHALL BE NORMAL WEIGHT PER ACI 301 AND HAVE PROPORTIONS OF CEMENT, COARSE AND FINE AGGREGATE, WATER AND ADMIXTURES TO PRODUCE THE PROPERTIES SPECIFIED FOR EACH CONCRETE MIX TYPE PER ACI 301 ON THE BASIS OF PREVIOUS FIELD EXPERIENCE AND SUPPORTED BY PREVIOUS TEST RECORDS.
- CONCRETE SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES. REFER TO PROJECT SPECIFICATIONS (WHERE APPLICABLE) FOR ADDITIONAL REQUIREMENTS.

CLASS	APPLICATION	STRENGTH f _c (psi)	MAX W/C Ratio
CLASS A	FOOTINGS	4500	0.45

TEST CONCRETE STRENGTH PER 2022 CBC CH. 17

- THE APPROVED PROPORTIONS SHALL BE CAREFULLY MAINTAINED. NO DEVIATION FROM THE APPROVED PROPORTIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL BY ENGINEER.
 - USE ADMIXTURES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. USE WATER-REDUCING ADMIXTURE THAT WILL NOT RESULT IN SEGREGATION, HONEYCOMBING, OR ROCK POCKETS.
 - ANY OF THE ABOVE MIXES CAN BE USED FLOWABLE (8" MAX SLUMP) IF THE PROPER ADDITION OF ADMIXTURES IS INCLUDED AND THE WATER TO CEMENT RATIO IS NOT INCREASED.
 - CEMENT PER ASTM C-150 TYPE I OR II FLY ASH PER ASTM C-618 CLASS N OR CLASS F UP TO 20% OF PORTLAND CEMENT MAY BE SUBSTITUTED WITH FLY ASH
 - COARSE AND FINE AGGREGATES PER ASTM-C33
 - ADMIXTURES AND DOSAGES WILL VARY WITH CLIMATE AND JOB SITE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING MIX DESIGN SUITABLE FOR JOB SITE CONDITIONS. ADMIXTURES CONTAINING CHLORIDES ARE NOT PERMITTED.
- ALL DEBRIS SHALL BE REMOVED FROM FORMS AND FOOTING EXCAVATIONS PRIOR TO POURING CONCRETE. NO WOOD STAKES OR FORM SPREADERS SHALL BE PERMITTED IN CONCRETE.
 - BALL REINFORCEMENT, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURED IN POSITION SHOWN ON DRAWINGS PRIOR TO PLACING CONCRETE.
 - CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION PER ACI 309 BY MEANS SUITABLE FOR ON SITE CONDITIONS. USE HAND RODDING OR TAMPING AS REQUIRED.
 - CONSTRUCTION JOINTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE INTENTIONALLY ROUGHENED TO 1/2" AMPLITUDE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL SUBMIT CONSTRUCTION JOINT LOCATIONS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
 - ALL FORMWORK TO REMAIN IN PLACE FOR DURATION AS REQUIRED BY LATEST EDITION OF ACI 318
 - REFER TO ACI RECOMMENDATIONS FOR PLACING AND CURING CONCRETE IN COLD AND HOT WEATHER CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONCRETE MIX DESIGN WITH BATCH PLANT TO PROVIDE CONCRETE MIX APPROPRIATE FOR SITE CONDITIONS.
 - CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND IMPLEMENTING APPROPRIATE CURING PROCEDURES FOR ACTUAL SITE/WEATHER CONDITIONS AND SHALL INCLUDE PROVISIONS FOR INCLEMENT WEATHER. REFER TO ACI 308R.
 - ALL SLABS SHALL BE FLAT AND LEVEL W/A TOLERANCE OF 3/16" IN 10' FOR FLATNESS AND MINIMUM LOCAL VALUE F = 32 PER ASTM 1155. THE PROJECT OWNER MAY REJECT ANY CONSTRUCTION THAT DOES NOT MEET THE FLATNESS CRITERIA NOTED WITH REPLACEMENT AT CONTRACTOR'S EXPENSE.
 - CONDUITS AND PIPES EMBEDDED IN THE SLAB (OTHER THAN THOSE PASSING VERTICALLY THROUGH) SHALL NOT BE PERMITTED. CONTRACTOR TO SUBMIT FOOTING PENETRATIONS TO STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

CONCRETE REINFORCEMENT NOTES:

- DETAIL, FABRICATE, AND PLACE REINFORCING PER ACI 315 AND ACI 318. SUPPORT REINFORCEMENT W/APPROVED CHAIRS, SPACERS, OR TIES.
- REINFORCEMENT SHALL BE DEFORMED BILLET STEEL PER ASTM A-615, GRADE 60. ALL REINFORCEMENT AT BOUNDARY ELEMENTS AND REINFORCEMENT TO BE WELDED SHALL BE ASTM A-706, GRADE 60.
- ALL BENDING OF REINFORCEMENT PER ACI. FIELD BENDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- REINFORCEMENT IN WALLS, SLABS, BEAMS AND FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR CORNER BARS PROVIDED.
- LAP ALL REINFORCEMENT 48DB FOR #6 AND SMALLER BARS, 60DB FOR #7 AND LARGER BARS. INCREASE LAP LENGTH 30% WHERE MORE THAN 12" OF FRESH CONCRETE IS POURED UNDER REINFORCEMENT.
- TRIM REINFORCING AROUND OPENINGS SHALL BE A MINIMUM 2-#5 TOP AND BOTTOM EXTENDING 40" BEYOND OPENING AT EACH CORNER. PROVIDE 90° HOOK AT CORNERS WHERE STRAIGHT EMBEDMENT NOT POSSIBLE.
- REINFORCING SHALL BE TIED IN PLACE. TACK WELDING OF REINFORCING IS NOT PERMITTED.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO INSURE CONCRETE IS PROPERLY CONSOLIDATED AROUND ALL BOLTS, ANCHORAGES, ETC.
- WHERE REINFORCING IS NOT SPECIFIED, REFER TO ACI 318 FOR MINIMUM REINFORCEMENT.
- WELDED WIRE FABRIC PER ASTM A-185 AND ASTM A-82.
- DEFORMED BAR ANCHORS PER ASTM A-496
- PROVIDE MINIMUM COVER FOR ALL REINFORCING AS FOLLOWS:

APPLICATION	COVER
CONCRETE CAST AGAINST EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER: #5 AND SMALLER	1 1/2"
#6 AND LARGER	2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER: SLABS AND WALLS	3/4"
BEAMS AND COLUMNS	1 1/2"

- STAGGER LAPS IN ADJACENT BARS 6'-0" MINIMUM
- PROVIDE FOOTING DOWELS TO MATCH SIZE AND SPACING OF VERTICAL REINFORCEMENT UNO
- ALL REINFORCING TO BE WELDED SHALL BE ASTM A-706 AND CONTINUOUSLY INSPECTED AND PERFORMED PER AWS STANDARDS.
- REINFORCING WHICH IS TO BE DOWELED INTO EXISTING CONCRETE SHALL BE INSTALLED W/SIMPSON AT-XP PER IAPMO ER-263 UNO

TESTS & INSPECTIONS:

TESTS & INSPECTIONS SHALL BE PROVIDED BY A QUALIFIED TESTING AGENCY AS NOTED BLW AND SHALL CONFORM TO THE REQUIREMENTS OF 2022 CBC, SECTION 1701

- CONCRETE:**
- INSPECT ANCHORS CAST IN CONCRETE
 - INSPECT POST-INSTALLED ANCHORS
 - ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS
 - ALL OTHER MECHANICAL AND ADHESIVE ANCHORS
 - REINFORCING STEEL AND PLACEMENT
 - VERIFYING MIX DESIGN

- SOILS:**
- FOOTING EXCAVATIONS AND BEARING
 - CLASSIFICATION AND TESTING OF FILL
 - FILL PLACEMENT AND COMPACTION
 - SUBGRADE PREPARATION
 - CIP PIERS AND PILES
 - OBSERVE DRILLING OPERATIONS
 - LOCATIONS, DIMENSIONS, EMBEDMENT
 - END BEARING

FOUNDATION NOTES:

- FOUNDATIONS ARE DESIGNED IN ACCORDING TO THE PROJECT GEOTECHNICAL REPORT 7394.004.PV.1 FOR GALVIN COMMUNITY PARK.

DRILLED PIER FOUNDATIONS

PROPERTY	VALUE
ALLOWABLE SKIN FRICTION	500 PSF (400 PSF-UPLIFT)
LATERAL PRESSURE	150 PCF

STRUCTURAL STEEL NOTES:

- THE FABRICATION AND ERECTION OF ALL STEEL CONSTRUCTION SHALL CONFORM TO THE 2022 CBC AND THE AISC STEEL CONSTRUCTION MANUAL 16th EDITION.
- STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING
 - CHANNELS ASTM A36, F_y = 36 KSI
 - ANGLES ASTM A36, F_y = 36 KSI
 - BAR AND PLATES ASTM A36, F_y = 36 KSI
 - PIPE SCHEDULE 40 - ASTM A53, GRADE B TYPE E OR S, F_y = 30 KSI (MIN)
 - RECTANGULAR HSS ASTM A500, GRADE B, F_y = 46 KSI
 - ROUND HSS ASTM A500, GRADE B, F_y = 46 KSI
- WELDING SHALL BE BY THE ELECTRIC ARC PROCESS (SHIELDED METAL ARC WELDING, FLUX CORE ARC WELDING, GAS METAL ARC WELDING) PER AWS STANDARDS AND BY CERTIFIED WELDERS. REFER TO "QUALIFICATION PROCEDURE" AWS D1.1.
- ALL WELDED JOINTS AND ELECTRODES ARE TO BE "PREQUALIFIED." ALL WELDING ELECTRODES ARE TO BE E70XX UNO. FCAW FILLER METAL WIRE SHALL BE 3/32" MAX DIAMETER AND SMAW FILLER METAL WIRE SHALL BE 3/8" MAX DIAMETER.
- ALL STRUCTURAL STEEL SHALL BE ERECTED PLUM AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE UNTIL THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETE.
- ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED BELOW GRADE SHALL HAVE 3" MINIMUM COVER. ALL STRUCTURAL STEEL ITEMS EMBEDDED IN CONCRETE AND LOCATED ABOVE GRADE AT CONCRETE EXPOSED TO WEATHER SHALL HAVE 1 1/2" MINIMUM COVER.
- ALL STEEL BOLTS ARE TO HAVE STANDARD GAGE AND PITCH PER AISC. ALL STEEL-TO-STEEL BOLTED CONNECTIONS SHALL BE WITH A325-N BOLTS, UNO. ALL EMBEDDED ANCHOR BOLTS SHALL BE F1554 GRADE 36 UNO. HOLES AT STEEL-TO-STEEL CONNECTIONS ARE TO BE 1/16" OVERSIZE AND HOLES AT STEEL COLUMN BASE PLATES ARE TO BE 1/8" OVERSIZE, UNO.
- STRUCTURAL STEEL IS TO BE SHOP PRIMED WITH ONE COAT, EXCEPT THE BELOW NOTED LOCATIONS, WHERE PRIMER SHALL BE HELD 2" CLEAR:
 - STEEL SURFACES EMBEDDED IN CONCRETE
 - SURFACES TO BE FIELD WELDED
 - CONTACT SURFACES WITH HIGH STRENGTH BOLTED CONNECTIONS
- ALL STRUCTURAL COLUMNS ARE TO BE SET UPON ANCHOR RODS WITH LEVELING NUTS ALLOWING APPROXIMATELY 1 1/2" ± CLEARANCE. CLEARANCE SPACE UNDER COLUMNS AND BLOCK-OUTS IN CURBS FOR COLUMN PLACEMENT ARE TO BE FILLED WITH A NON-SHRINK, HIGH-STRENGTH, POURABLE GROUT.

STRUCTURAL SHEET INDEX:

- S0.1 STRUCTURAL TYPICAL NOTES
- S1.1 STRUCTURAL SITE PLAN
- S3.1 STRUCTURAL ELEVATIONS
- S4.1 STRUCTURAL DETAILS

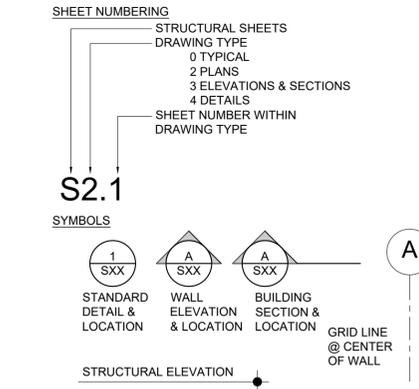
ABBREVIATIONS:

@	AT	LS	LAG SCREW
AB	ANCHOR BOLT	MAX	MAXIMUM
approx	APPROXIMATE	MFGR	MANUFACTURER
Arch	ARCHITECTURAL	MIN	MINIMUM
BC	BOTTOM CHORD	(N)	NEW
BLK	BLOCK OR BLOCKING	#	NUMBER
BO	BOTTOM OF	NTS	NOT TO SCALE
CBC	CALIFORNIA BUILDING CODE	OD	OUTSIDE DIAMETER
oc	ON CENTER	OH	OPPOSITE HAND
CIP	CAST IN PLACE	OV	OVER
CJ	CONSTRUCTION JOINT	PL	PLATE
CL	CENTER LINE	PT	PRESSURE TREATED
CMU	CONCRETE MASONRY UNIT	REIN	REINFORCEMENT
CONC	CONCRETE	SIM	SIMILAR
CONT	CONTINUOUS	SF	STRUCTURAL PANEL
DF	DOUGLAS FIR	SW	SHEAR WALL
Ø	DIAMETER	T&B	TOP AND BOTTOM
DL	DEAD LOAD	T&G	TONGUE AND GROOVE
DT	DRAG TRUSS	thru	THROUGH
(E)	EXISTING	TN	TOE NAIL
EN	EDGE NAIL	TOS	TOP OF STEEL
EOR	ENGINEER OF RECORD	TYP	TYPICAL
FF	FINISH FLOOR		
FO	FACE OF	W/O	WITHOUT
FO	FOOT/FEET	VIF	VERIFY IN FIELD
FTG	FOOTING	W/O	WITHOUT
FRMG	FRAMING	WWF	WELDED WIRE FABRIC
GLB	GLUE LAMINATED BEAM		
HD	HOLD DOWN		
HGD	HOT-DIPPED GALVANIZED		
HDR	HEADER		

GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO 2022 CBC W/AMENDMENTS AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- NOTES ON THIS SHEET ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE NOTED OR SHOWN. TYPICAL DETAILS SHALL APPLY FOR ALL LIKE CONDITIONS UNLESS OTHERWISE NOTED OR DETAILED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, EXISTING CONDITIONS, AND OTHER RELATED ITEMS. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE SHOWN OR NOTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFORM TO RELEVANT SECTIONS OF THE CALIFORNIA "CONSTRUCTION SAFETY ORDERS" AND ALL OSHA REQUIREMENTS. THE ENGINEER OF RECORD ACCEPTS NO RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY W/ THESE REQUIREMENTS.
- DESIGN AND CONSTRUCTION OF ALL TEMPORARY BRACING, SHORING, FORMING, ETC REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- OVERALL DIMENSIONS ARE SHOWN TO FACE OF STUD OR CONCRETE UNLESS NOTED OTHERWISE.

DRAWING STANDARDS:



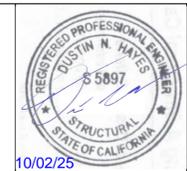
MATERIAL LEGEND

ENGINEERED AND/OR NATIVE FILL	STRUCTURAL CONCRETE
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DESIGN CRITERIA:

- PROJECT ADDRESS: GALVIN COMMUNITY PARK 3330 YULUPA AVENUE, SANTA ROSA
- BUILDING CODE: 2022 CALIFORNIA BUILDING CODE
- LATERAL LOADS: RISK CATEGORY I
WIND LOADS: 86 MPH (LRFD), 66 MPH (ASD)
BASIC WIND SPEED EXPOSURE: C
SEISMIC LOADS: SITE CLASS D, SEISMIC DESIGN CATEGORY D, IMPORTANCE FACTOR 1.00, REDUNDANCY, RHO 1.00
R = 1.25
S_s = 2.576
S₁ = 0.988
S_{0.5} = 1.718
S_{D1} = NA
V = 1.374 W (USD), 0.962 W (ASD)

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
C. GURNEY 12/1/2025
Name Date
Comments:
Building Permit # B25-1279



City of Santa Rosa
Galvin Community Park Courts Renovation
Structural Typical Notes

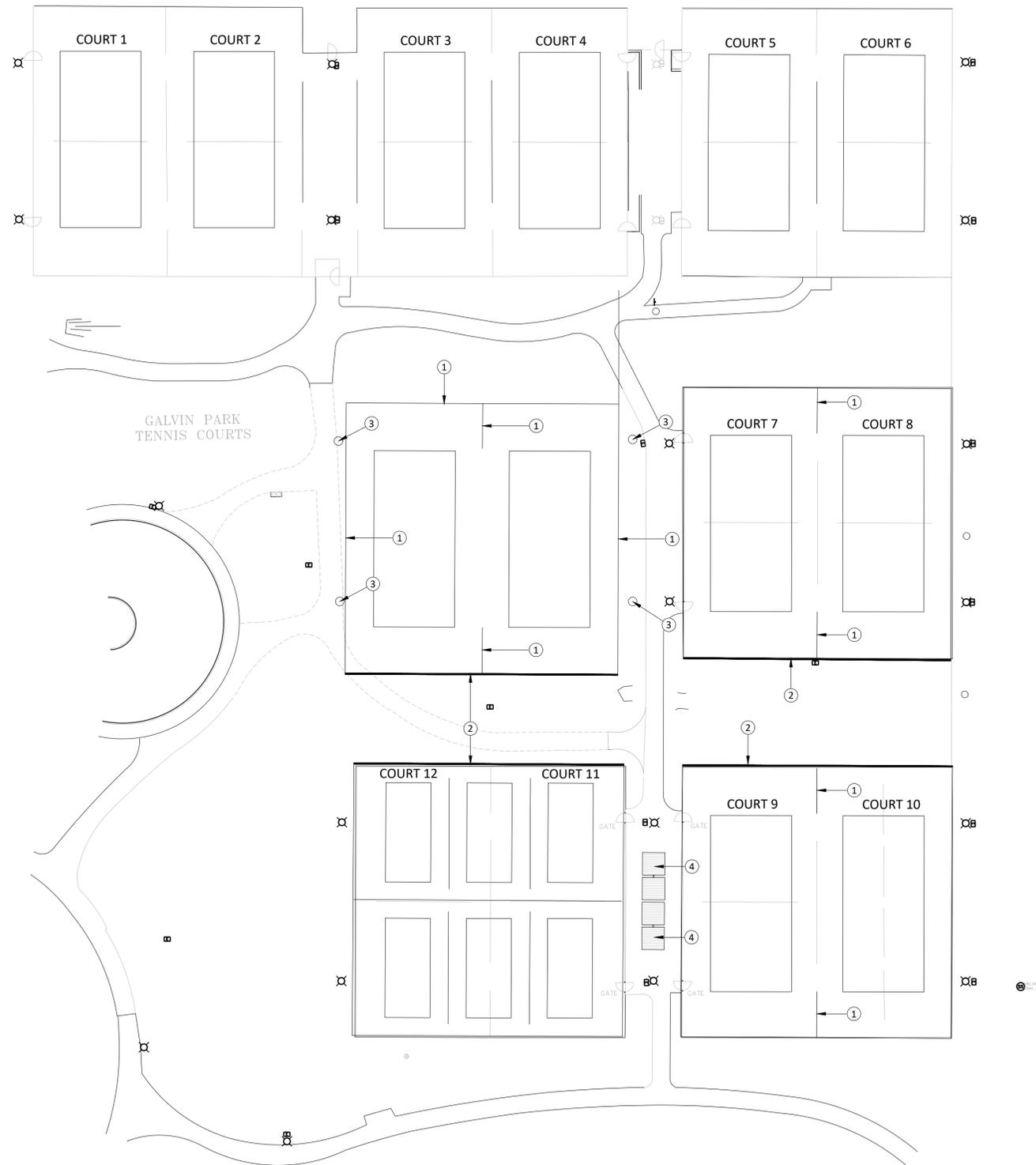
NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION
STRUCTURAL TYPICAL NOTES

CHK BY: DNH
DATE: 6/20/25
DWN BY: DNH
SCALE: AS SHOWN
CONTRACT NO. C00714
SHEET 32 OF 35
FILE NO. 2024-0014

S0.1





STRUCTURAL PLAN NOTES:

1. CONTRACTOR SHALL COORDINATE ALL WORK CONTAINED HEREIN WITH ALL PROJECT WORK BY OTHERS INCLUDING CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL & PLUMBING.
2. STRUCTURAL SCOPE IS LIMITED TO FOUNDATIONS FOR NEW CHAIN LINK FENCE, BALL WALL, LIGHT POLE AND SHADE STRUCTURES.
3. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AT LOCATION OF EQUIPMENT PRIOR TO COMMENCING WORK.

STRUCTURAL PLAN KEY NOTES:

- ① CHAIN LINK FENCE. SEE 1/S3.1
- ② BALL WALL. SEE 2/S3.1
- ③ LIGHT POLE. SEE 3/S3.1
- ④ SHADE STRUCTURE. SEE 4/S3.1

CITY OF SANTA ROSA
APPROVED
Permit No. B25-1279
Date: 01/05/2025
Review and approval of these documents is based upon compliance with the 2022 California Code of Regulations, Title 24, and 2022 City of Santa Rosa Ordinance and does not constitute a Building Decision or a Building Official's Signature.

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
Name: C. GURNEY Date: 12/1/2025
Comments:
Building Permit # B25-1279



NO.	DATE	REVISION	BY

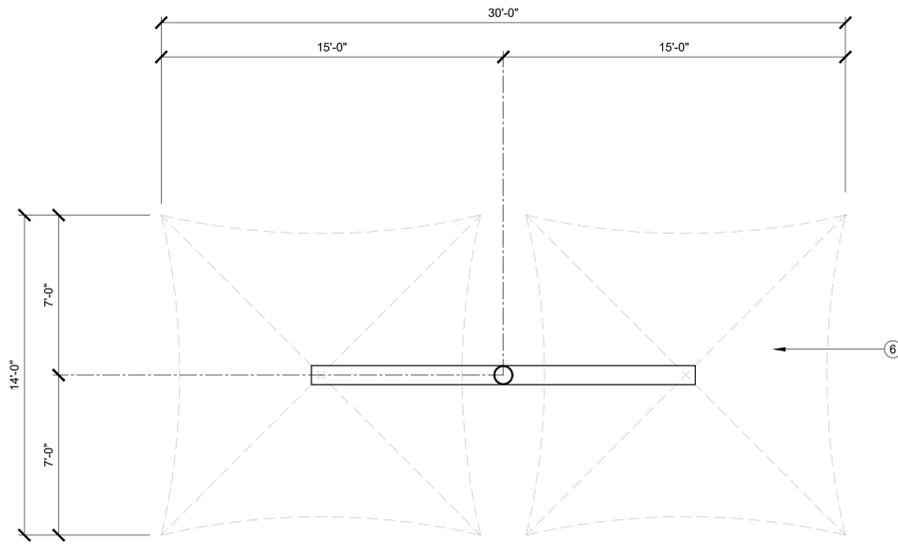
CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION
STRUCTURAL SITE PLAN

CHK BY:	DNH
DATE:	6/20/25
DWN BY:	DNH
SCALE:	AS SHOWN
CONTRACT NO.	C00714
SHEET	32 OF 34
FILE NO.	2024-0014

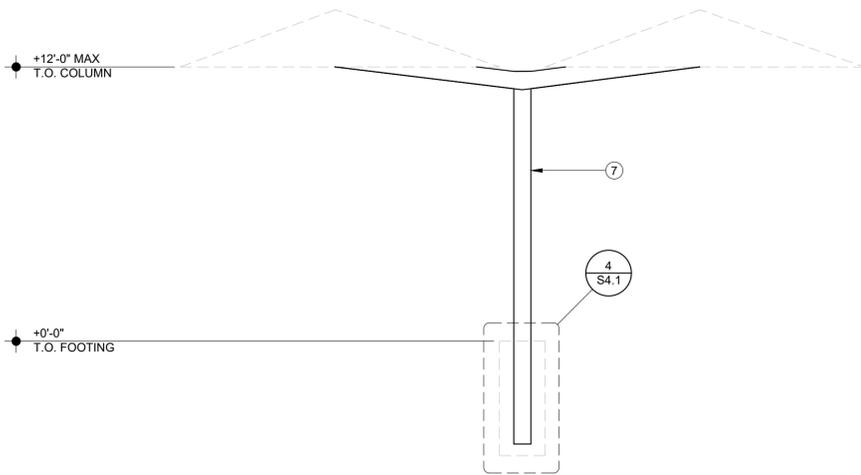
S1.1

RW CONSULTING
Engineers Inc
1450 HARBOR BLVD, SUITE F
WEST SACRAMENTO, CA 95691
(916)229-8345 ph
dhayes@rwengineers.com

STRUCTURAL SITE PLAN
NTS



PLAN VIEW



SECTION

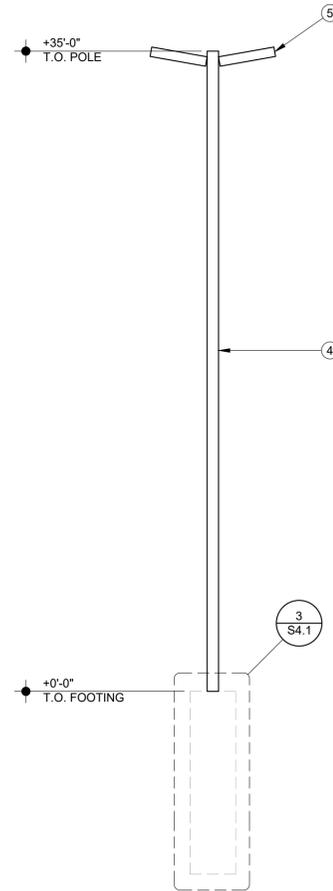
SHADE STRUCTURE

1/4" = 1'-0"

4



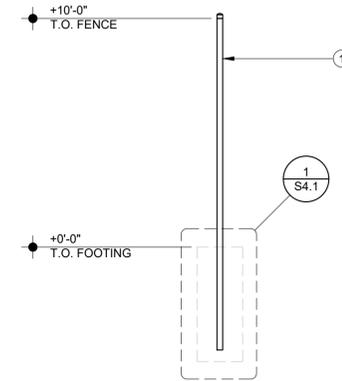
PLAN VIEW



ELECTRICAL LIGHT POLE

1/4" = 1'-0"

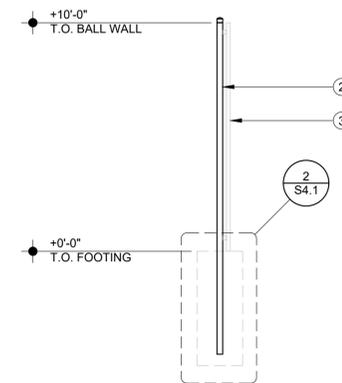
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FENCE POST

1/4" = 1'-0"

1



BALL WALL

1/4" = 1'-0"

2

ELEVATION KEY NOTES:

- ① 3"Ø SCHEDULE 40 PIPE @ FENCE FIELD POST. SPACE FIELD POSTS AT 10'-0" ON-CENTER. 4"Ø SCHEDULE 40 @ CORNER POST
- ② 4"Ø SCHEDULE 40 PIPE @ BALL WALL POST. SPACE FIELD POSTS AT 7'-6" ON-CENTER.
- ③ BALL WALL PANEL
- ④ ELECTRICAL LIGHT POLE PER ELECTRICAL DRAWINGS
- ⑤ LIGHT FIXTURES PER ELECTRICAL DRAWINGS
- ⑥ SHADE STRUCTURE PER ARCHITECTURAL DRAWINGS
- ⑦ SHADE STRUCTURE PER COLUMN PER MANUFACTURE

CITY OF SANTA ROSA
APPROVED
Permit No. B25-1279
Date: 01/02/2025
Review and approval of these documents is based upon compliance with the 2022 California Code of Regulations, Title 24, and all applicable City of Santa Rosa ordinances and laws of California.
Building Division Approval Signature

CITY OF SANTA ROSA
PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
Name: C. GURNEY Date: 12/1/2025
Comments:
Building Permit # B25-1279



NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
GALVIN COMMUNITY PARK COURTS RENOVATION
STRUCTURAL ELEVATIONS

CHK BY:	DNH
DATE:	6/20/25
DWN BY:	DNH
SCALE:	AS SHOWN
CONTRACT NO.	C00714
SHEET	33 OF 34
FILE NO.	2024-0014

S3.1

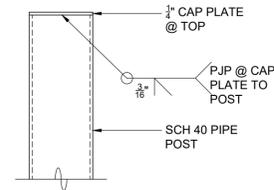
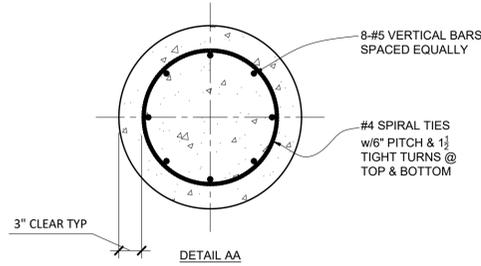
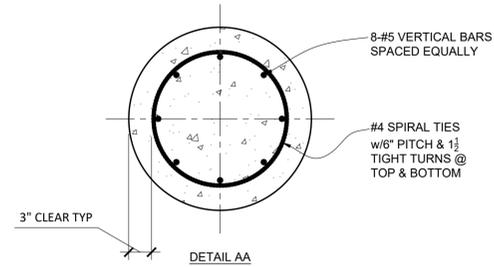
RW CONSULTING Engineers Inc
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WEST SACRAMENTO, CA 95691
(916)229-8345 ph
dhayes@rwenigneers.com



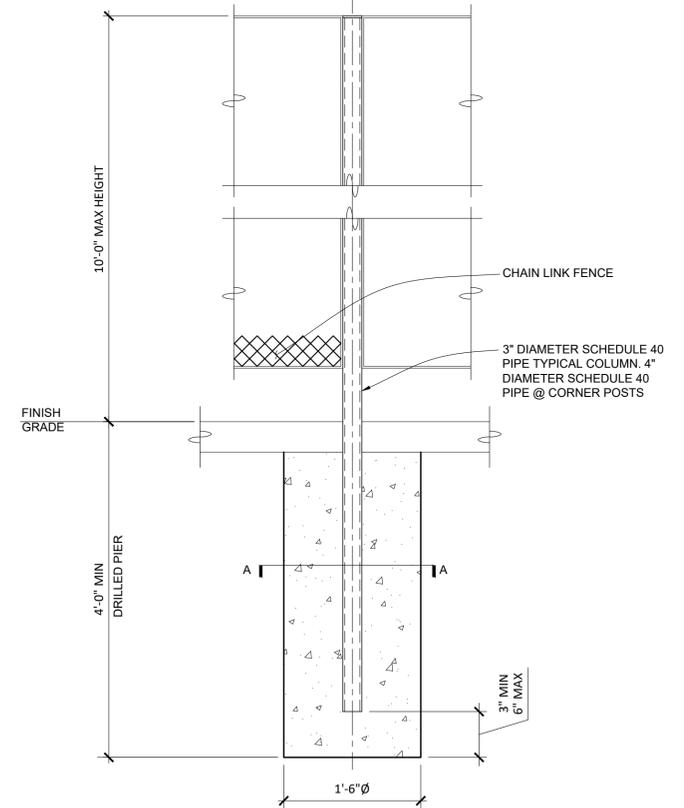
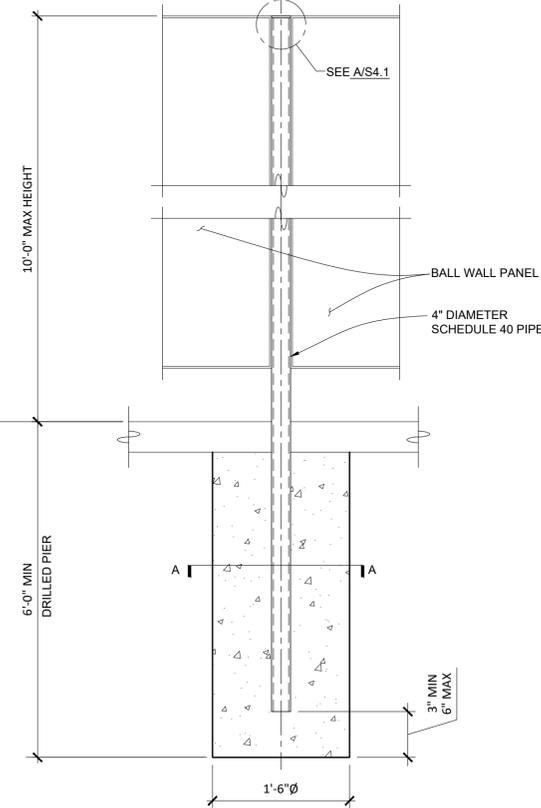
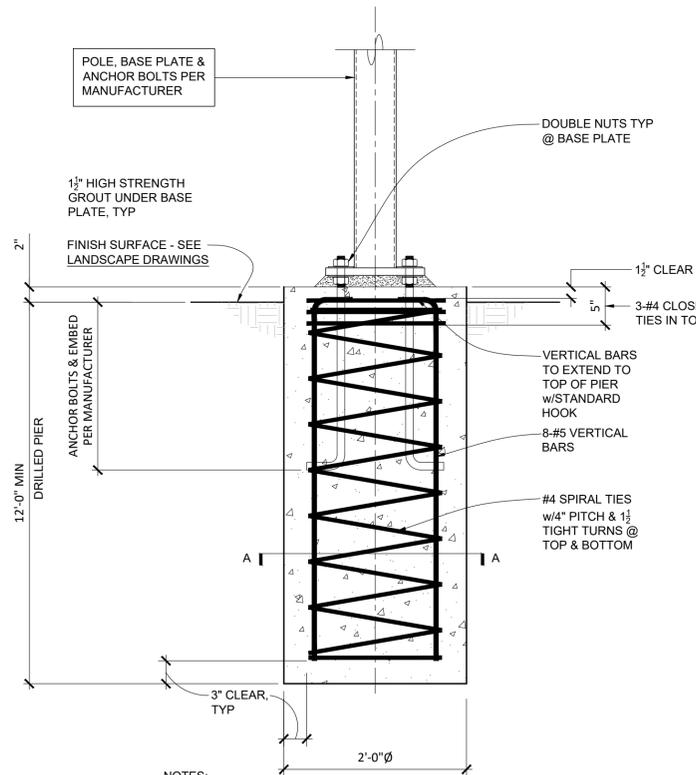
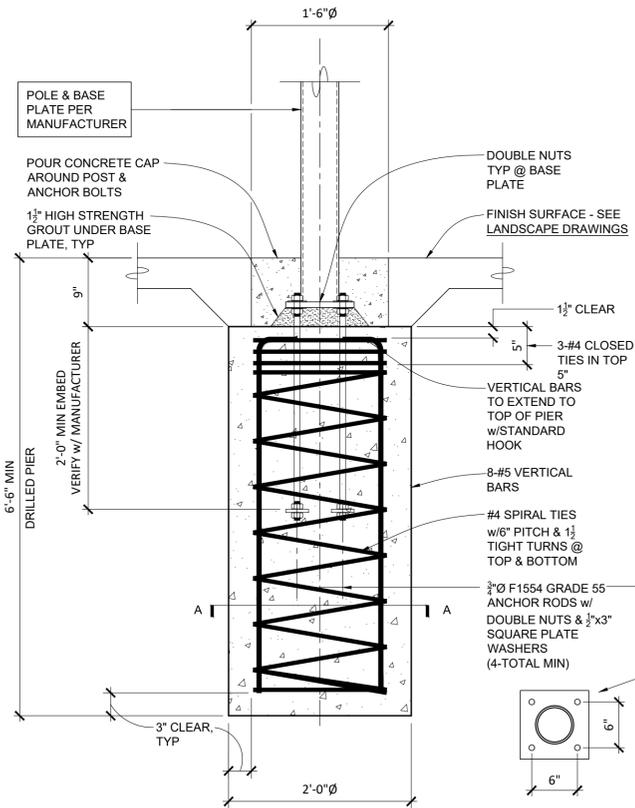
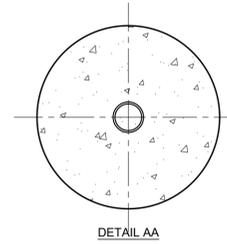
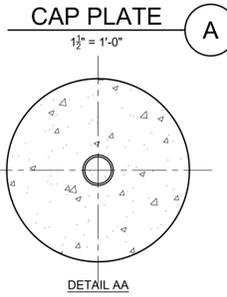
6-20-25



CITY OF SANTA ROSA
 Building Permit # B25-1279
 APPROVED
 Date: 01/25/2025
 Review and approval of these documents is based upon compliance with the 2022 International Building Code of California and State of California Code of Regulations, Title 24, and all applicable City of Santa Rosa ordinances and State of California laws.
 Building Division Authority Signature: [Signature]



PROVIDE CAP PLATES AT EACH POST, TYP



- NOTES:
- THIS DETAIL IS TO BE USED FOR THE FOUNDATION SUPPORTING THE PRE-MANUFACTURED SHADE CANOPIES.
 - SHADE CANOPIES ARE TO BE THE USASHADE 30'x14' SINGLE-POST SHADE STRUCTURE - SEE LANDSCAPE DRAWINGS.
 - POLE AND BASE PLATE IS TO BE VERIFIED WITH THE MANUFACTURER'S ENGINEERED DRAWINGS. ANCHOR BOLT PARAMETERS NOTED ABOVE ARE MINIMUMS AND ARE TO BE VERIFIED WITH THE MANUFACTURER'S ENGINEERED DRAWINGS.
 - NON-SHRINK GROUT IS TO BE HIGH-STRENGTH - 'MASTERFLOW' BY BASF 7,000 PSI MIN 28-DAY STRENGTH.

- NOTES:
- THIS DETAIL IS TO BE USED FOR THE FOUNDATION SUPPORTING THE PRE-MANUFACTURED LIGHT POLES.
 - LIGHT POLE ASSEMBLY IS TO BE NO MORE THAN 35' TALL (INCLUDING LUMINAIRE).
 - POLE, BASE PLATE, AND ANCHOR BOLTS ARE PER MANUFACTURER - SEE ELECTRICAL DRAWINGS.
 - NON-SHRINK GROUT IS TO BE HIGH-STRENGTH - 'MASTERFLOW' BY BASF 7,000 PSI MIN 28-DAY STRENGTH.
 - EXPOSED STEEL SHOULD BE HOT-DIPPED GALVANIZED.

- NOTES:
- THIS DETAIL IS TO BE USED FOR THE 10'-0" TALL (MAX) BALL WALL.
 - POSTS ARE TO BE SPACED NO MORE THAN 7'-6"cc, TYP.
 - POSTS ARE TO BE SCHEDULE 40 PIPE PER S0.1
 - PANELS ARE BALL WALL BAKKO SOLID FIBERGLASS
 - STEEL POSTS ARE TO BE HOT-DIPPED GALVANIZED.

- NOTES:
- THIS DETAIL IS TO BE USED FOR THE 10'-0" TALL (MAX) CHAINLINK FENCE
 - POSTS ARE TO BE SPACED NO MORE THAN 10'-0"cc, TYP.
 - POSTS ARE TO BE SCHEDULE 40 PIPE PER S0.1
 - STEEL POSTS ARE TO BE HOT-DIPPED GALVANIZED.

FOOTING FOR SHADE STRUCTURE

5

FOOTING FOR LIGHT POLE

3

POST & FOOTING FOR 10' TALL BALL WALL

2

POST & FOOTING FOR 10' TALL FENCE

1

CITY OF SANTA ROSA
 PROJECT REVIEWED AND APPROVED BY WATER CONSERVATION:
 C. GURNEY 12/1/2025
 Name Date
 Comments:
 Building Permit # B25-1279

RW CONSULTING Engineers Inc
 1450 HARBOR BLVD, SUITE F
 WEST SACRAMENTO, CA 95691
 (916)229-8345 ph
 dhayes@rwengineers.com

NO.	DATE	REVISION	BY

CITY OF SANTA ROSA
 GALVIN COMMUNITY PARK COURTS RENOVATION
 STRUCTURAL TYPICAL NOTES

CHK BY:	DNH
DATE:	6/20/25
DWN BY:	DNH
SCALE:	AS SHOWN
CONTRACT NO.	C00714
SHEET	34 OF 34
FILE NO.	2024-0014

S4.1