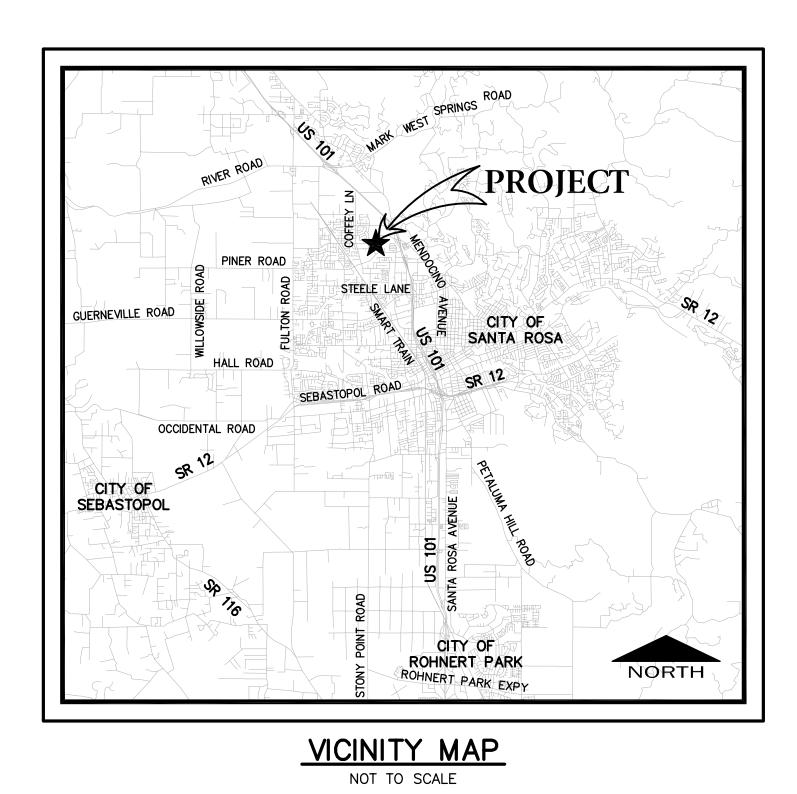
O'ROURKE TESLA PARKING LOT

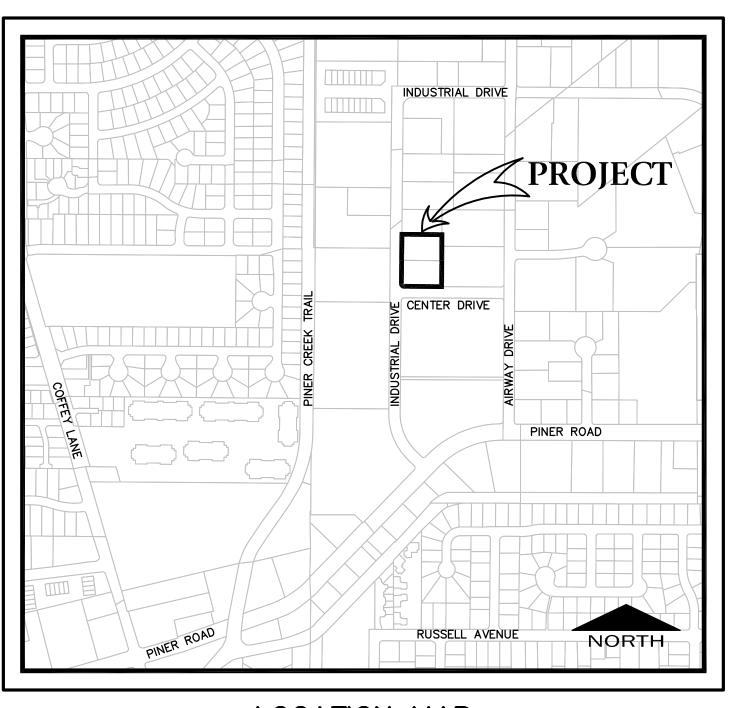


SANTA ROSA

SONOMA COUNTY - CALIFORNIA

AUGUST 2023





LOCATION MAP

NOT TO SCALE







.dwg\4566 02\4566.02 COVER.dwg

ABBREVIATIONS MILLION GALLONS AGGREGATE BASE MANHOLE ACRYLONITRILE-BUTADIENE-STYRENE MIN ASPHALT CONCRETE MISCELLANEOUS ASBESTOS CEMENT PIPE MECHANICAL JOINT MONUMENT ALGEBRAIC DIFFERENCE AMERICANS WITH DISABILITIES ACT MEAN SEA LEVEL **AGGREGATE** NATURAL GROUND ALUMINUM NUMBER ANG NOT APPLICABLE ANGLE POIN NOT IN CONTRACT ASSESSORS PARCEL NUMBER NATIONAL PIPE THREAD ON CENTER APPROXIMAT AIR RELEASE VALVE OUTSIDE DIAMETER OVERHEAD AVFNUF AVFRAGE OUNCE BEGIN HORIZONTAL CURVE PLANTER AREA BACKFLOW PREVENTER POINT OF CURVATURE BUILDING POINT OF COMPOUND CURVATURE BI VD **BOUL FVAR** BENCHMARK PORTLAND CEMENT CONCRETE PLANTER DRAIN PHOTOELECTRIC CELL BUTTERFLY VALVE BEGIN VERTICAL CURVE PEDESTRIAN BACK OF SIDEWALK PAD GRADE POINT OF INTERSECTION BRELJE & RACE POST INDICATOR VALVE PROPERTY LINE COMBINATION AIR AND PAVING NOTCH VACUUM RELEASE VALVE POINT OF CONNECTION POINT ON CURVE CALIFORNIA BUILDING CODE POCC POINT OF COMPOUND CURVE CONTROLLED DENSITY FILL POINT ON VERTICAL CURVE CHK CHECK PRIVATE OPEN SPACE CAST IRON PIPE POINT ON TANGENT CAST-IN-PLACE PIPE POWER POLE POINT OF REVERSE CURVATURE CENTERLIN PRESSURE REDUCING VALVE CENTERLINE PERFORATED SUBDRAIN POUND PER SQUARE INCH CORRUGATED METAL PIPE PRESSURE SUSTAINING VALVE CORRUGATED METAL PIPE ARCH CMPA POINT OF TANGENCY CMU CONCRETE MASONRY UNIT PUBLIC UTILITY EASEMENT POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION CONCRETE COND CONDUIT PVMT PAVEMENT CONST CONT PUBLIC WATER EASEMENT CONSTRUCTION 2010 INITAOS RAW WATER CLEANOUT TO GRAD RELATIVE COMPACTION CONTROL POINT CPLG COUPLING RCB REINFORCED CONCRETE BOX CURB RETURN REINFORCED CONCRETE PIPE CORRUGATED STEEL PIPE ROOF DRAIN CEMENT TREATED BASE REDUCER CTR REFERENCE CENTER RIGHT OF WAY CUBIC YARD REDUCED PRESSURE CENTER TO CENTER BACKFLOW PREVENTER CURB AND GUTTER RAISED PAVEMENT MARKER DOUBLE CHECK DETECTOR CHECK REMOTE SUPERVISORY CONTROL DETECTOR CHECK VALVE RING TIGHT DOUBLE DETECTOR CHECK RECYCLED WATER DETECTOR RAIN WATER LEADER **DETECTOR HANDHOLE** R/W RIGHT OF WAY SOUTH DUCTILE IRON PIPE DETECTOR LOOP CONDUIT SEE ARCHITECTURAL DRAWINGS S.A.D. SUPERVISORY CONTROL AND SCADA DOWNSPOU DATA ACQUISITION OWNSTREAM SCHEDULE STORM DRAIN STORM DRAIN CATCH BASIN DASHED WHITE PAVEMENT MARKER SDCB STORM DRAIN CLEANOUT DRIVEWAY SDCO DOUBLE YELLOW STORM DRAIN DROP INLET STORM DRAIN EASEMEN' DASHED YELLOW RAISED PAVEMENT MARKER STORM DRAIN MANHOLE SEWER EASEMENT S.E.D. SEE ELECTRICAL DRAWINGS END HORIZONTAL CURVE SQUARE FEET SUBGRADE EFFLUENT (SEWER) STREET LIGHT EXISTING GROUND SEE LANDSCAPE DRAWINGS LECTRICAL SLIP ON FLANGE ELBOW SIDE OPENING (SD) EDGE OF PAVEMENT SEE PLUMBING DRAWINGS SPECIFICATION END VERTICAL CURVE STAINLESS STEEL SANITARY SEWER EACH WAY SANITARY SEWER CLEANOUT EXISTING SEE STRUCTURAL DRAWINGS SANITARY SEWER MANHOLE FLANGED COUPLING ADAPTER STATION STANDARD FIRE DEPARTMENT CONNECTION FINISHED FLOOR

SIDEWALK EASEMENT

TEMPORARY BENCHMARK

TEMPORARY CONSTRUCTION

TWO WAY LEFT TURN LANE

UNLESS NOTED OTHERWISE

VITRIFIED CLAY PIPE

UNDER FLOOR FINISHED GRADE

SQUARE YARDS

SOLID WHITE LINE

TOP OF CONCRETE

TOP OF FOUNDATION

TOP OF BOX

SIDFWALK

EASEMENT

TOP OF DIKE

TELEPHONE

TEMPORARY

THREADED

TOP OF PIPE

TOP OF WALL

TYPICAL

VERTICAL

WATER

WFIGHT

WATER

DEGREES

MINUTES

SECONDS DELTA

NUMBER

POUNDS

PERCENT

UFFG

WTR

TOP OF GRATE

TOP OF TAPER

UNDERGROUND

VALLEY GUTTER

WALL BACK DRAIN

WELD NECK FLANGE

WELDED WIRE FABRIC

WATER SAMPLING STATION

WATER METER

WATER VALVE

WATER SERVICE

FINISHED GRADE

OF SIDE OPENING

FIBERGLASS REINFORCED PLASTIC

FORCE MAIN (PRESSURE)

GALLONS PER MINUTE

GALVANIZED STEEL PIPE

HOT DIPPED GALVANIZED

HIGH PRESSURE GAS

HIGH PRESSURE SODIUM

IRRIGATION CONTROL VALVE

HIGH DENSITY POLYETHYLENE

FIRE HYDRAN

FLOWLINE

FLANGE

FLEXIBL

FOOTING

GALLON

GALVANIZED

GAS VALVE

GATE VALVE

HORIZONTAI

HIGH POIN

HEIGHT

HIGHWAY

IRON PIPF

IRRIGATION

INTERCONNECT

IRON PIPE SIZE

OF ACCESSIBILITY

JUNCTION BOX

JOINT TRENCH

ARC LENGTH

LINEAL FEET

LANE LINE

LOW POINT

LUMINAIRE

MAXIMUM

MAILBOX

METAL BEAM

MANUFACTURI

LIP OF GUTTER

LUMINAIRE MAST ARM

I FNGTH

LATERAL

INTERNATIONAL SYMBOL

HEADER BOARD

GRADE BREAL

FLEX

FM

FTG

GALV

GPM

HDPE

FLOWLINE

LEGEND

BOUNDARY		
PARCEL		
CENTER	· · · · · <u> </u>	_
EASEMENT		
UTILITY LINES	EXISTING	PROPOSED
STORM DRAIN	24"SD	24"SD
WATER	8"W — W —	8"W
SEWER	12"SSSS	12"SS
GAS	3" G	
ELECTRICAL	Е ———	12KVE
TELEPHONE	Т ———	
TELEVISION	TV	
JOINT TRENCH	JT-	
TOPOGRAPHY		
DROP INLET		
DROP INLET WITH SIDE OPENINGS		
WATER METER	[-]WM	
WATER VALVE		
BLOWOFF	——«	
FIRE HYDRANT		∓×
THRUST BLOCK		—
GAS METER	GM	
STORM DRAIN MANHOLE		0
STORM DRAIN CATCH BASIN	_721_	[0]
SEWER MANHOLE	- 3-	
SEWER CLEANOUT	- SS 	•
JOINT POLE	Seg_JP	
LIGHT STANDARD	~\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	•——
GUY/ANCHOR	·	•
CURB & GUTTER =		
AC DIKE		
FENCE	XX	xx_
CHAIN LINK FENCE —		 00-
DITCH/SWALE	>	
MONUMENT	•	•
TREE PROTECTION		—— TP —
TREE TO BE SAVED		\triangle
TREE TO BE REMOVED		\bowtie

GENERAL UTILITY NOTES

- 1. THE USE OF CONTROLLED DENSITY BACKFILL (CDF) WITHIN ANY PUBLIC SEWER OR WATER TRENCH IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DIRECTOR OF PUBLIC
- 2. THERE SHALL BE NO UNMETERED CONNECTIONS TO THE CITY OF SANTA ROSA WATER SYSTEM INCLUDING CONNECTIONS BYPASSING THE METER FOR TESTING ONSITE PLUMBING OR FOR ORTAINING CONSTRUCTION WATER. SUCH CONNECTIONS SHALL BE SEVERED BY THE WATER DEPARTMENT AND WILL RESULT IN PENALTIES, INCLUDING PAYMENT OF FINES AND ESTIMATED WATER USAGE FEES.
- CONTRACTOR SHALL NOTIFY INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE TO ALLOW FOR VISUAL ONSITE INSPECTION OF WATER PIPE JOINTS, VALVES, CONNECTIONS, SERVICE SADDLES, HARNESSES, ANCHORS AND THRUST BLOCKS, PRIOR TO BACKFILLING.
- 4. CONTRACTOR SHALL NOTIFY INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE TO ALLOW FOR VISUAL INSPECTION OF CUT/TIE INS TO THE SEWER SYSTEM AND ALL ABANDONMENTS.
- 5. ONLY AUTHORIZED CITY PERSONNEL SHALL OPERATE VALVES ON THE EXISTING WATER
- RESTRAINED MECHANICAL JOINTS SHALL BE USED ON ALL TEES, FITTINGS, AND ASSOCIATED GATE VALVES UNLESS OTHERWISE APPROVED OR DIRECTED BY THE INSPECTOR.

GENERAL NOTES

- 1. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY OF SANTA ROSA (SUCH AS ENCROACHMENT, GRADING, BUILDING, DEMOLITION ETC.) PRIOR TO COMMENCEMENT OF WORK.
- 2. AN ENCROACHMENT PERMIT MUST BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS PRIOR TO BEGINNING ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR APPROVAL PRIOR TO BEGINNING ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- 3. THE CONTRACTOR SHALL OBTAIN A DE-WATERING PERMIT FROM THE NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD FOR DE-WATERING OPERATIONS THAT ARE USED TO MANAGE THE REMOVAL OF GROUND WATER FROM EXCAVATIONS AND THEIR DISCHARGE TO THE WATERS OF THE STATE OR THE STORM DRAIN SYSTEM. APPROVAL MUST BE OBTAINED FROM THE CITY OF SANTA ROSA ENVIRONMENTAL COMPLIANCE DIVISION PRIOR TO DISCHARGING GROUNDWATER TO THE
- TEMPORARY STOCKPILES SHALL NOT BE LOCATED WITHIN CREEK SETBACK AREAS, PROTECTED VEGETATION/TREE AREAS OR WITHIN 10 FEET OF AN ADJACENT RESIDENTIAL PROPERTY LINE. STOCKPILES TALLER THAN 2.5 FEET SHALL NOT BE WITHIN 50 FEET OF AN ADJACENT RESIDENTIAL PROPERTY LINE.
- TEMPORARY STOCKPILES MUST BE REMOVED BY COMPLETION OF GRADING ACTIVITIES UNLESS A SEPARATE TEMPORARY USE PERMIT AND GRADING PERMIT IS OBTAINED FOR THE STOCKPILE.
- 6. CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
- 7. IF CONTAMINATED MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, WORK MUST STOP UNTIL A WORK PLAN HAS BEEN APPROVED IN WRITING BY THE CITY FIRE DEPARTMENT AND THE STATE REGIONAL WATER QUALITY CONTROL BOARD (NCRWQCB). HAZARDOUS MATERIAL SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE REQUIREMENTS OF THE CITY'S FIRÉ DEPARTMENT. THE APPLICANT IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH STATE AND LOCAL CODES FOR REMOVAL OF ASBESTOS CONTAINING MATERIALS DURING DEMOLITION OF THE STRUCTURES ON THE PROJECT SITE.
- 8. ALL TRENCH SPOILS SHALL BE REMOVED AS THEY ARE GENERATED OR DISPOSED OF ON SITE AS REQUIRED BY THE GRADING PERMIT. EXCESS/UNSUITABLE MATERIAL DISPOSED OF OFFSITE AT AN APPROVED LOCATION BY ENGINEERING DEVELOPMENT SERVICES. CONTAIN AND SECURELY PROTECT STOCKPILED TRENCH BACKFILL AND WASTE MATERIAL FROM

WIND AND RAN AT ALL TIMES UNLESS ACTIVELY BEING USED. DO NOT BLOCK STORM WATER FLOWS.

- ALL UNDERGROUND IMPROVEMENTS INCLUDING SEWER LINES, WATER LINES, STORM DRAINS, PUBLIC UTILITY FACILITIES, AND SERVICES SHALL BE INSTALLED. TESTED, AND ACCEPTED BY THE UTILITIES AND PUBLIC WORKS DEPARTMENTS PRIOR TO PAVING. TRENCH PAVING FOR ALL UTILITIES SHALL BE COORDINATED AND INSTALLED AT THE SAME TIME.
- 10. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, ONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGN PROFESSIONAL, THE OWNER AND THEIR CONSULTANTS, AND THE CITY OF SANTA ROSA, AND EACH OF THEIR OFFICERS, EMPLOYEES, AND AGENTS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- 11. THE LOCATIONS OF UNDERGROUND OBSTRUCTIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND SHOULD NOT BE TAKEN AS FINAL OR ALL INCLUSIVE. THE CONTRACTOR IS CAUTIONED THAT THE DRAWINGS MAY NOT INCLUDE ALL XISTING UTILITIES INCLUDING SEWERS AND STORM DRAINS PRIOR TO ANY TRENCHING TO ALLOW THE ENGINEER TO VERIFY THE GRADE AND ALIGNMENT OF THE UTILITIES, AND VERIFY DESIGN ASSUMPTIONS AND EXACT FIELD LOCATION. EXISTING UTILITIES MAY REQUIRE RELOCATION AND /OR PROPOSED IMPROVEMENTS MAY REQUIRE GRADE OR ALIGNMENT REVISION
- 12. THE CONTRACTOR SHALL EXPOSE ALL EXISTING UTILITIES INCLUDING SEWERS AND STORM DRAINS PRIOR TO ANY TRENCHING TO ALLOW THE ENGINEER TO VERIFY THE GRADE AND ALIGNMENT OF THE UTILITIES, AND TO VERIFY DESIGN ASSUMPTIONS AND EXACT FIELD LOCATION. EXISTING UTILITIES MAY REQUIRE RELOCATION AND/OR PROPOSED IMPROVEMENTS MAY REQUIRE GRADE OR ALIGNMENT REVISION DUE TO FIELD CONDITIONS.
- 13. UNDERGROUND FACILITIES NOT SHOWN ON THESE DRAWINGS SUCH AS PG&E, TELEPHONE, TV, IRRIGATION, ETC. SHALL BE COORDINATED AND CONSTRUCTED PRIOR TO PLACEMENT OF BASE ROCK AND PAVING
- 14. CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING SURVEY MONUMENTS (CURB TAGS, IRON PIPES, CENTERLINE WELL DISKS, ETC). IF THE CONTRACTOR SUSPECTS THAT WORK WILL BE CONDUCTED IN AN AREA WHICH MAY RESULT IN THE DISTURBANCE OF SURVEY MONUMENTS, THE CONTRACTOR SHALL RETAIN THE SERVICES OF A LICENSED PROFESSIONAL AUTHORIZED TO PRACTICE LAND SURVEYING TO LOCATE SAID MONUMENTS PRIOR O DISTURBANCE. RE-ESTABLISH MONUMENTS WHICH HAVE BEEN DISTURBED AS A RESULT OF CONSTRUCTION AND FILE THE APPROPRIATE DOCUMENTATION WITH THE COUNTY ONCE THE MONUMENTS ARE RESET. CONTRACTOR SHALL PROVIDE A MINIMUM OF 10 (TEN) WORKING DAYS NOTICE TO THE ENGINEER/SURVEYOR PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS. CONTRACTOR SHALL PROVIDE THE CITY WITH A MONUMENT CERTIFICATION LETTER FROM THE ENGINEER/SURVEYOR STATING THAT THE EXISTING MONUMENTS HAVE BEEN IDENTIFIED AND LOCATED PRIOR TO REMOVAL.
- CONSTRUCTION HOURS SHALL BE LIMITED FROM 7 AM TO 7 PM MONDAY THROUGH SATURDAY, EXCLUDING HOLIDAYS. THIS RESTRICTION INCLUDES THE START UP OF ANY MOTORIZED EQUIPMENT. ALL CONTRACTORS' EQUIPMENT SHALL BE PROPERLY MUFFLED AND SHALL BE SHUT DOWN WHEN NOT IN USE. (HOURS ARE SUBJECT TO THE CONDITIONS OF APPROVAL)
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE OR DETERIORATION OCCURRING TO EXISTING PUBLIC IMPROVEMENTS AS A DIRECT RESULT OF CONSTRUCTION ACTIVITY (GRADING, ROAD CONSTRUCTION, UTILITY INSTALLATION, ETC.). REPAIR MAY REQUIRE PATCHING, SEALING OR OVERLAYING AFFECTED AREAS AS APPROPRIATE TO RETURN THE ROADS TO AT LEAST AS GOOD A CONDITION AS THEY WERE PRIOR TO CONSTRUCTION. IF THE CONTRACTOR DOES NOT ACT IN A TIMELY MANNER, THE CITY MAY, AT ITS DISCRETION PERFORM THE CORRECTION AND CHARGE THE CONTRACTOR
- FOR ALL COSTS AND OVERHEAD INCURRED. 17. RECORD DRAWINGS SHALL BE PROVIDED TO THE CITY UPON COMPLETION OF PROJECT AND PRIOR TO FINAL ACCEPTANCE.
- 18. THE CONTRACTOR SHALL KEEP THE WORK SITE, STAGING AREAS AND OTHER AREAS USED BY IT IN A NEAT AND CLEAN CONDITION, AND FREE FROM ANY ACCUMULATION OF TRASH. THE CONTRACTOR SHALL DISPOSE OF ALL TRASH. RUBBISH AND WASTE MATERIALS OF ANY KIND GENERATED BY THE CONTRACTOR, SUBCONTRACTOR OR ANY COMPANY HIRED BY THE CONTRACTOR ON A DAILY BASIS. THE CONTRACTOR SHALL ALSO KEEP HAUL ROADS FREE FROM DIRT, RUBBISH, AND UNNECESSARY OBSTRUCTIONS RESULTING FROM SITE OPERATION. DISPOSAL OF ALL TRASH, RUBBISH AND DEBRIS MATERIALS SHALL BE IN A COVERED WASTE RECEPTACLE OR HAULED OFF SITE. IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES GOVERNING LOCATIONS AND METHODS OF DISPOSAL, AND IN CONFORMANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. WASTE RECEPTACLES SHALL BE COVERED AT THE END OF EVERY DAY AND DURING RAIN EVENTS.
- 19. ENSURE THE CONTAINMENT OF SANITATION FACILITIES (E.G., PORTABLE TOILETS) TO PREVENT DISCHARGES OF POLLUTANTS O THE STORM WATER DRAINAGE SYSTEM, ROADS OR RECEIVING WATERS. SANITATION FACILITIES MUST BE MAINTAINED PERIODICALLY BY A LICENSED SERVICE COMPANY TO KEEP THEM IN GOOD WORKING ORDER AND PREVENT OVERFLOWS. PORTABLE TOILETS ARE REQUIRED TO HAVE SECONDARY CONTAINMENT.
- 20. EQUIPMENT AND MATERIALS NECESSARY FOR CONTROL OF SPILLS SHALL BE AVAILABLE ON SITE AT ALL TIMES. SPILLS AND LEAKS SHALL BE STOPPED AND THE MATERIAL CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY. USE PROPER BEST MANAGEMENT PRACTICES (BMPS) TO PREVENT OIL, GREASE, OR FUEL FROM LEAKING ON THE GROUND, INTO THE STORM DRAINS OR SURFACE WATERS.
- . CONTAIN CONCRETE WASHOUT AREAS AND SIMILAR AREAS THAT MAY CONTAIN POLLUTANTS TO PREVENT DISCHARGE INTO THE UNDERLYING SOIL OR ONTO THE SURROUNDING AREAS.
- 22. ESTABLISH AND MAINTAIN EFFECTIVE SITE PERIMETER CONTROLS AND STABILIZE ALL CONSTRUCTION ENTRANCES AND EXITS TO SUFFICIENTLY CONTROL EROSION AND SEDIMENT DISCHARGES AND TRACKED MATERIALS FROM LEAVING THE SITE. AT A MINIMUM DAILY AND PRIOR TO ANY RAIN EVENT, THE CONTRACTOR SHALL REMOVE ANY SEDIMENT OR OTHER CONSTRUCTION ACTIVITY RELATED MATERIALS THAT ARE DEPOSITED ON THE ROADS (BY VACUUMING OR SWEEPING).
- 23. PLACE EQUIPMENT OR VEHICLES, WHICH ARE BEING FUELED, MAINTAINED AND STORED, IN A DESIGNATED AREA FITTED WITH APPROPRIATE BMPS.
- 24. AT A MINIMUM, ALL BMPS WILL BE INSPECTED EACH WORKING DAY AND BEFORE ALL RAIN EVENTS. BMPS THAT REQUIRE MAINTENANCE OR REPLACEMENT TO FUNCTION PROPERLY SHALL BE COMPLETED BEFORE THE NEXT FORECASTED RAIN, OR WITHIN THE NEXT 3 WORKING DAYS IF NO RAIN IS PREDICTED. MAINTENANCE INCLUDES REMOVAL OF ACCUMULATED
- 25. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL APPLICABLE BMPS LISTED IN THE EROSION CONTROL AND /OR STORM WATER POLLUTION PREVENTION PLAN.
- 26. ADA COMPLIANCE: CONSTRUCTION CONTRACTOR MUST COMPLY WITH THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT (ADA) WHILE WORKING IN THE PUBLIC RIGHT-OF-WAY. IF CONSTRUCTION CONTRACTOR'S WORK IN THE PUBLIC RIGHT-OF-WAY WILL AFFECT PEDESTRIAN ACCESS, THE CONSTRUCTION CONTRACTOR IS REQUIRED TO PROVIDE A PROPERLY SIGNED ACCESSIBLE ROUTE OF TRAVEL. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED
- 27. SECTION 39 ASPHALT CONCRETE OF THE CITY CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS SHALL INCLUDE THE FOLLOWING: AT ANY TIME DURING THE FIRST 12 MONTHS FROM THE TIME OF PLACEMENT OF THE ASPHALT CONCRETE, THE SURFACE SHALL BE VISUALLY INSPECTED BY THE CITY. IF SIGNS OF STRIPPING OF BINDER FROM AGGREGATE OR LOSS OF AGGREGATE IS APPARENT, THE CITY SHALL CORE THE ASPHALT CONCRETE SURFACE. THE CORE SAMPLES SHALL BE PREPARED PER THE METHOD FOR FIELD-MIXED, LABORATORY-COMPACTED SPECIMENS AND TESTED FOR TSR. ASPHALT

CONCRETE WITH A TSR LESS THAN 70 SHALL BE REMEDIATED AS REQUIRED BY THE CITY ENGINEER.

GRADING NOTES

- 1. NO GRADING, CLEARING OR GRUBBING SHALL BE PERFORMED PRIOR TO ISSUANCE OF A GRADING PERMIT BY THE CITY OF SANTA ROSA.
- 2. DUST CONTROL SHALL BE PROVIDED BY CONTRACTOR DURING ALL PHASES OF CONSTRUCTION. 3. GRADING SHALL OCCUR ONLY BETWEEN APRIL 15 AND OCTOBER 15 UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER OR CHIEF BUILDING OFFICIAL IN CONJUNCTION WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLAN AND A GRADING SCHEDULE TO BE SUBMITTED TO COMMUNITY DEVELOPMENT ENGINEERING WITH THE GRADING PERMIT APPLICATION. WINTERIZATION OF THE PROJECT SHALL BE THE FIRST ORDER OF WORK.
- 4. SITE GRADING SHALL BE DONE IN COMPLIANCE WITH CHAPTER 18 AND APPENDIX J, MOST RECENT EDITION OF THE CALIFORNIA BUILDING CODE.
- 5. EXISTING NON-COMPLYING FILLS SHALL BE REMOVED OR BROUGHT INTO COMPLIANCE WITH CHAPTER 18, AND APPENDIX J, MOST RECENT EDITION OF THE CALIFORNIA BUILDING CODE, AND THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- 6. EXCESS AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE TO AN AREA APPROVED BY THE CITY BUILDING DIVISION AND CITY FIRE DEPARTMENT. APPROVALS MUST BE IN WRITING PRIOR TO REMOVAL OF MATERIAL.
- DRAINAGE FROM UPSTREAM PROPERTIES SHALL NOT BE BLOCKED BY GRADING OR CONSTRUCTION OF IMPROVEMENTS.
- 8. THE CONTRACTOR SHALL PROTECT EXISTING DRAINAGE FACILITIES FROM SEDIMENTATION DURING ALL PHASES OF CONSTRUCTION.
- HAZARDOUS MATERIAL SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE REQUIREMENTS OF THE CITY'S FIRE DEPARTMENT. THE APPLICANT IS REQUIRED TO DEMONSTRATE COMPLIANCE WITH STATE AND LOCAL CODES FOR REMOVAL OF ASBESTOS CONTAINING MATERIALS DURING DEMOLITION OF ANY STRUCTURES ON THE PROJECT SITE.
- 10. PRIOR TO ANY GRADING OPERATION, THE CONTRACTOR SHALL INSTALL PROTECTIVE FENCING AROUND THE DRIP LINE OF TREES TO BE SAVED IN COMPLIANCE WITH THE CITY TREE ORDINANCE. THE CUTTING, FILLING, PAVING OR TRENCHING WITHIN ROOT ZONES OF TREES TO BE SAVED MUST BE REVIEWED AND APPROVED BY A CITY APPROVED ARBORIST AND
- PERFORMED UNDER THEIR ON SITE SUPERVISION. 11. DRIP-LINES OF TREES OVERHANGING THE PROPERTY LINE SHALL BE AFFORDED THE SAME

LEVEL OF PROTECTION AS TREES ON SITE THAT ARE TO REMAIN.

- 12. DEVELOPMENT MUST CONFORM TO 40 CFR (CODE OF FEDERAL REGULATIONS) PARTS 122. 123 AND 124 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT APPLICATIONS FOR STORM WATER DISCHARGE. PROJECT MUST ALSO CONFORM WITH ANY DESIGN AND CONSTRUCTION POLICIES ADOPTED BY THE CITY TO CONFORM WITH THESE REGULATIONS.
- 13. UNDER 40 CFR, CONSTRUCTION ACTIVITY INCLUDES CLEARING, GRADING AND EXCAVATION ACTIVITIES. THESE ACTIVITIES REQUIRE OBTAINING AN NPDES PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD FOR PROJECTS WHICH QUALIFY, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY.
- 14. FILLING IS RESTRICTED TO I FOOT MAXIMUM ABOVE EXISTING GROUND AND 2 FOOT MINIMUM ADJACENT TO EXISTING RESIDENTIAL LOTS, UNLESS OTHERWISE APPROVED BY THE CITY
- 15. BLASTING (IF REQUIRED) REQUIRES A PERMIT FROM THE CITY FIRE DEPARTMENT.
- 16. ALL EXPOSED SURFACES (E.G., PARKING AREAS, STAGING AREAS, SOIL PILES, GRADED AREAS, AND UNPAVED ACCESS ROADS) SHALL BE WATERED TWO TIMES PER DAY. 17. ALL HAUL TRUCKS TRANSPORTING SOIL, SAND, OR OTHER LOOSE MATERIAL OFF-SITE SHALL BE
- 18. ALL VISIBLE MUD OR DIRT TRACK-OUT ONTO ADJACENT PUBLIC ROADS SHALL BE REMOVED USING WET POWER VACUUM STREET SWEEPERS AT LEAST ONCE PER DAY. THE USE OF DRY POWER SWEEPING IS PROHIBITED.
- 19. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MPH.
- 20. ALL ROADWAYS, DRIVEWAYS, AND SIDEWALKS TO BE PAVED SHALL BE COMPLETED AS SOON AS POSSIBLE. BUILDING PADS SHALL BE LAID AS SOON AS POSSIBLE AFTER GRADING UNLESS SEEDING OR SOIL BINDERS ARE USED.
- 21. IDLING TIMES SHALL BE MINIMIZED EITHER BY SHUTTING EQUIPMENT OFF WHEN NOT IN USE OR REDUCING THE MAXIMUM IDLING TIME TO 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXICS CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS [CCR]). CLEAR SIGNAGE SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AT ALL ACCESS POINTS.
- 22. ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. ALL EQUIPMENT SHALL BE CHECKED BY A CERTIFIED MECHANIC AND DETERMINED TO BE RUNNING IN PROPER CONDITION PRIOR TO OPERATION.
- 23. POST A PUBLICLY VISIBLE SIGN WITH THE TELEPHONE NUMBER AND PERSON TO CONTACT AT THE LEAD AGENCY REGARDING DUST COMPLAINTS. THIS PERSON SHALL RESPOND AND TAKE CORRECTIVE ACTION WITHIN 48 HOURS. THE AIR DISTRICT'S PHONE NUMBER SHALL ALSO BE VISIBLE TO ENSURE COMPLIANCE WITH APPLICABLE REGULATIONS.

EROSION AND SEDIMENT CONTROL NOTES

- EROSION AND SEDIMENT CONTROL SHOWN ON PLANS ASSUMES STREET, CURB, GUTTER AND STORM DRAINS ARE COMPLETED PRIOR TO RAINS. PROJECT ENGINEER SHALL PREPARE INTERIM DRAINAGE AND EROSION AND SEDIMENT CONTROL PLAN BASED ON WINTER CONDITIONS FOR CITY APPROVAL PRIOR TO CONTRACTOR INSTALLATION. A CURRENT EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AND KEPT ON THE
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE USED TO ENSURE THAT WATER ENTERING THE STORM DRAIN SYSTEM FROM THE CONSTRUCTION SITE IS OF EQUIVALENT QUALITY AND CHARACTER AS THE
- 3. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED IN FRONT OF INCOMPLETE STORM DRAIN SYSTEMS TO PREVENT DEBRIS AND SEDIMENT—LADEN WATER FROM ENTERING INTO THE PUBLIC STORM DRAIN SYSTEM. BEST MANAGEMENT PRACTICES SHALL BE USED WHEN DESIGNING AND INSTALLING SUCH DEVICES. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION AND SEDIMENT
- CONTROL MEASURES AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER AND CITY OF SANTA ROSA AND IN ACCORDANCE WITH THE PROJECT SWPPP (IF APPLICABLE). EROSION AND SEDIMENT CONTROL MEASURES AND THEIR INSTALLATION SHALL BE ACCOMPLISHED USING BEST MANAGEMENT PRACTICES. 5. IF THE STORM DRAIN SYSTEM IS NOT IN PLACE BY OCTOBER 15, ADDITIONAL MEASURES SHALL BE TAKEN
- SUCH AS TEMPORARY SETTLING BASINS WHICH MEET THE SATISFACTION OF THE ENGINEER AND THE CITY OF SANTA ROSA. SILT AND/OR CATCH BASINS MUST BE CLEANED OUT ON A REGULAR BASIS AFTER STORMS TO
- 6. STORM WATER RUNOFF FROM THE CONSTRUCTION SITE SHALL BE DIRECTED TOWARD AN INLET WITH A SEDIMENT OR FILTRATION INTERCEPTOR PRIOR TO ENTERING THE STORM DRAIN SYSTEM.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING WATER THAT HAS BECOME POLLUTED DUE TO NOT
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS AND ROADS AS A RESULT OF CONSTRUCTION ACTIVITY ON THE SITE TO THE SATISFACTION OF THE
- 9. ANY DENUDED OR DISTURBED SOILS SHALL BE PROTECTED USING BEST MANAGEMENT PRACTICES. 10. PRIOR TO AND DURING A PRECIPITATION EVENT, ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTH MATERIAL
- IND DEBRIS. THE SITE SHALL BE MAINTAINED BY THE DEVELOPER, CONTRACTOR OR OWNER SO THAT A MINIMUM OF SEDIMENT—LADEN RUNOFF LEAVES THE SITE
- 11. THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN AND SEEK THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF
- 12. BEST MANAGEMENT PRACTICES SHALL BE VISUALLY MONITORED ON A WEEKLY BASIS DURING THE DRY SEASON AND RECORDED IN AN INSPECTION CHECKLIST. RAIN EVENT VISUAL MONITORING WILL BE PERFORMED WITHIN 48 HOURS PRIOR TO AN ANTICIPATED RAIN EVENT, DAILY DURING A RAIN EVENT AND WITH 48 HOURS FOLLOWING A RAIN EVENT. REMOVE SEDIMENT WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF HE BARRIER AND REPLACE FILTER DEVICES AS NECESSARY TO ENSURE PROPER FUNCTION.
- 13. UNSTABILIZED AREAS WILL BE REPAIRED AS SOON AS POSSIBLE AFTER BEING DAMAGED.
- 14. ALL GRADED OR DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE. 15. ENTRANCE TO THE PROJECT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR
- FLOWING OF SEDIMENT INTO PUBLIC RIGHT-OF-WAY. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE OF PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED ROCK THAT DRAINS INTO A SEDIMENT TRAP.
- 16. ALL SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY USING BEST MANAGEMENT PRACTICES.
- 17. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- 18. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WHEN THEY ARE NO LONGER FUNCTIONING PER BEST MANAGEMENT PRACTICES.
- 19. THE CONTRACTOR SHALL HAVE EROSION AND SEDIMENT CONTROL MEASURES ON SITE ADEQUATE TO PROTECT THE ENTIRE SITE PRIOR TO THE OCTOBER 15 DATE SUCH THAT IT IS IMMEDIATELY AVAILABLE IN

INSPECTED AND CLEARED OF ACCUMULATED SEDIMENTS AND DEBRIS.

PREPARATION OF THE UPCOMING WINTER SEASON OR IN THE EVENT OF AN FARLY RAIN 20. AFTER CONSTRUCTION IS COMPLETE ALL STORM DRAIN SYSTEMS ASSOCIATED WITH THIS PROJECT SHALL BE

No. 40512 Exp. 3-31-25

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O'ROURKE TESLA PARKING LOT

3300 & 3304 INDUSTRIAL DRIVE SANTA ROSA, CALIFORNIA

PRELIMINARY FOR STUDY PURPOSES ONLY DATE AUGUST 2023

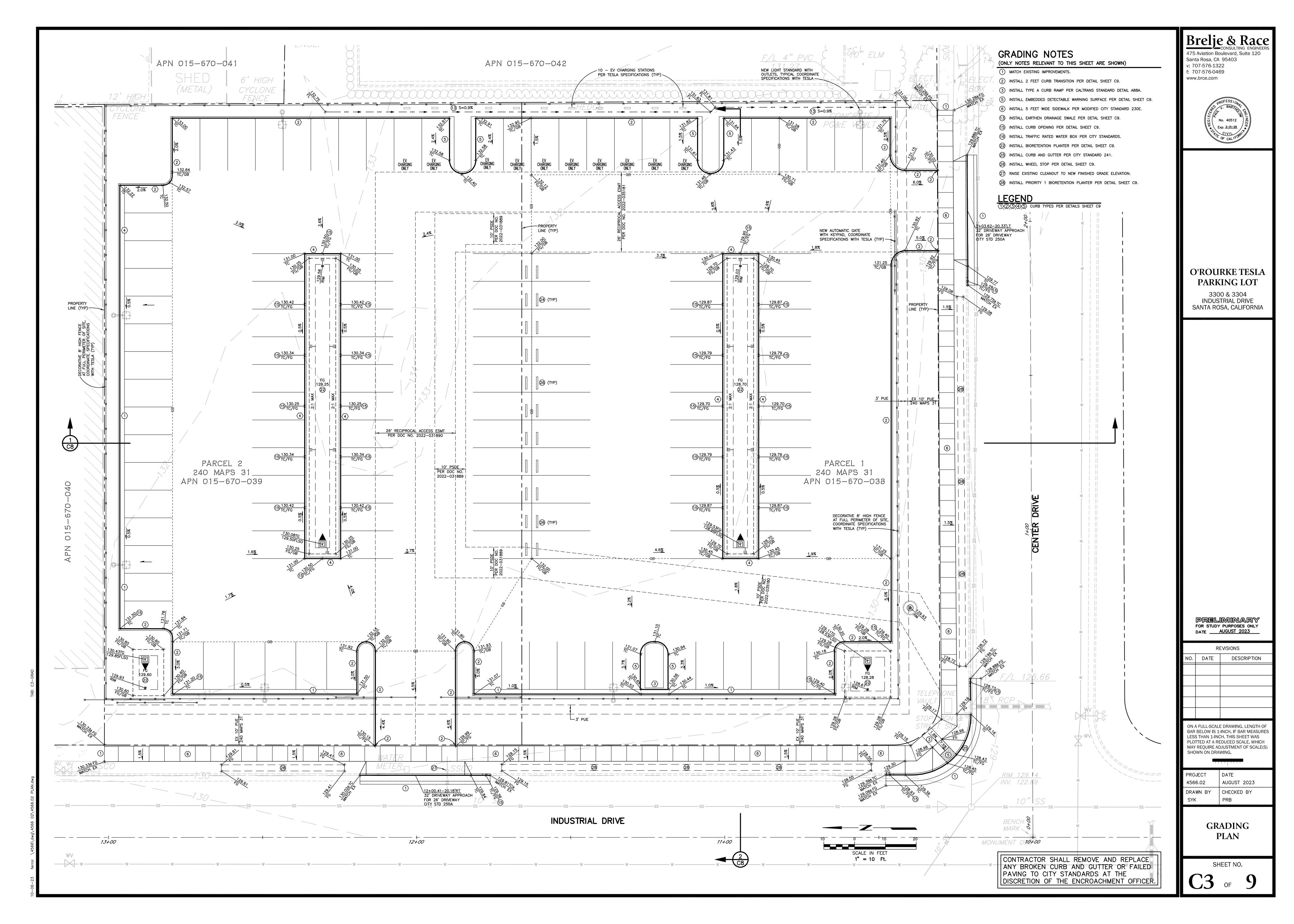
REVISIONS

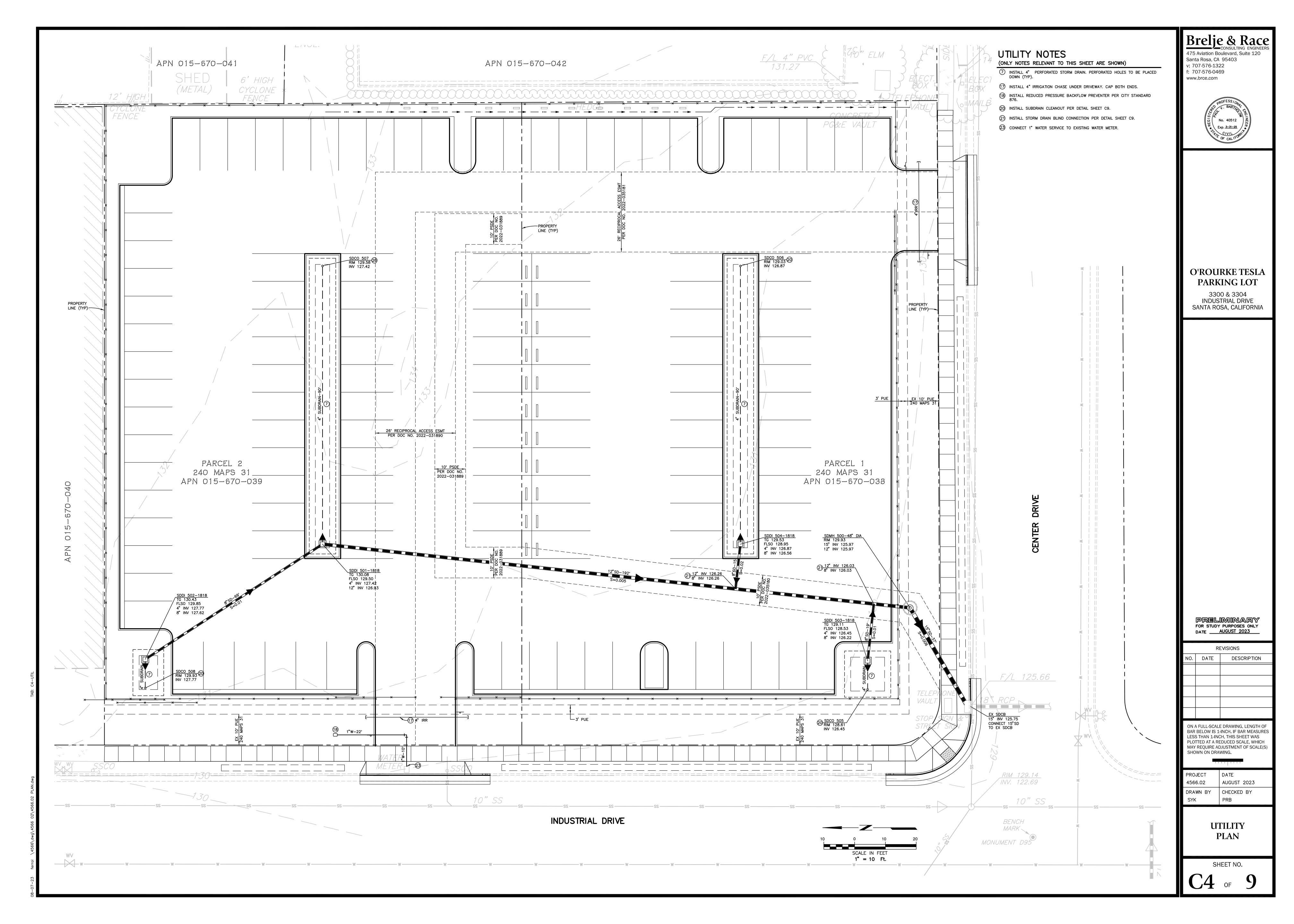
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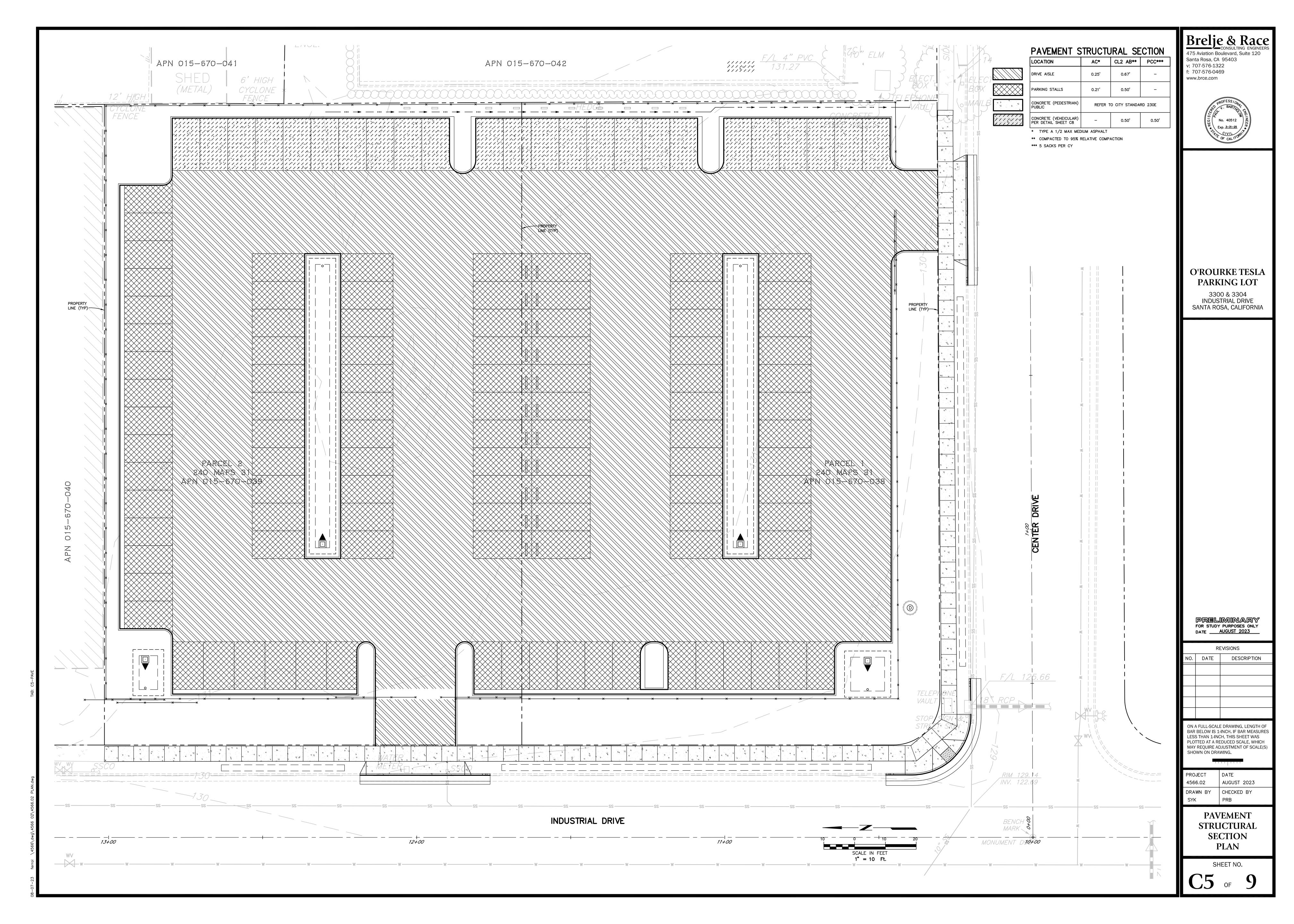
ON A FULL-SCALE DRAWING, LENGTH OF BAR BELOW IS 1-INCH. IF BAR MEASURES LESS THAN 1-INCH, THIS SHEET WAS PLOTTED AT A REDUCED SCALE, WHICH MAY REQUIRE ADJUSTMENT OF SCALE(S) SHOWN ON DRAWING.

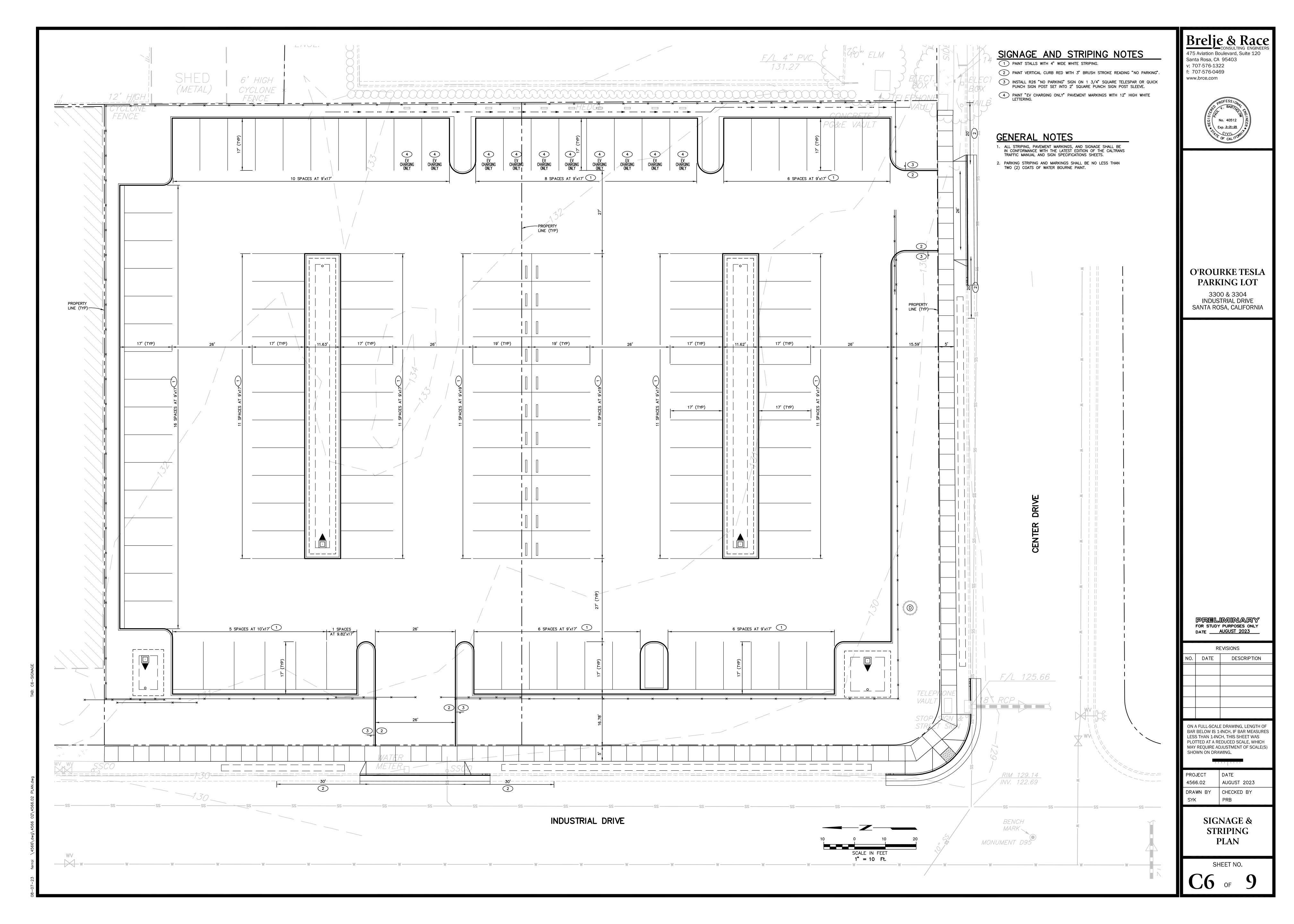
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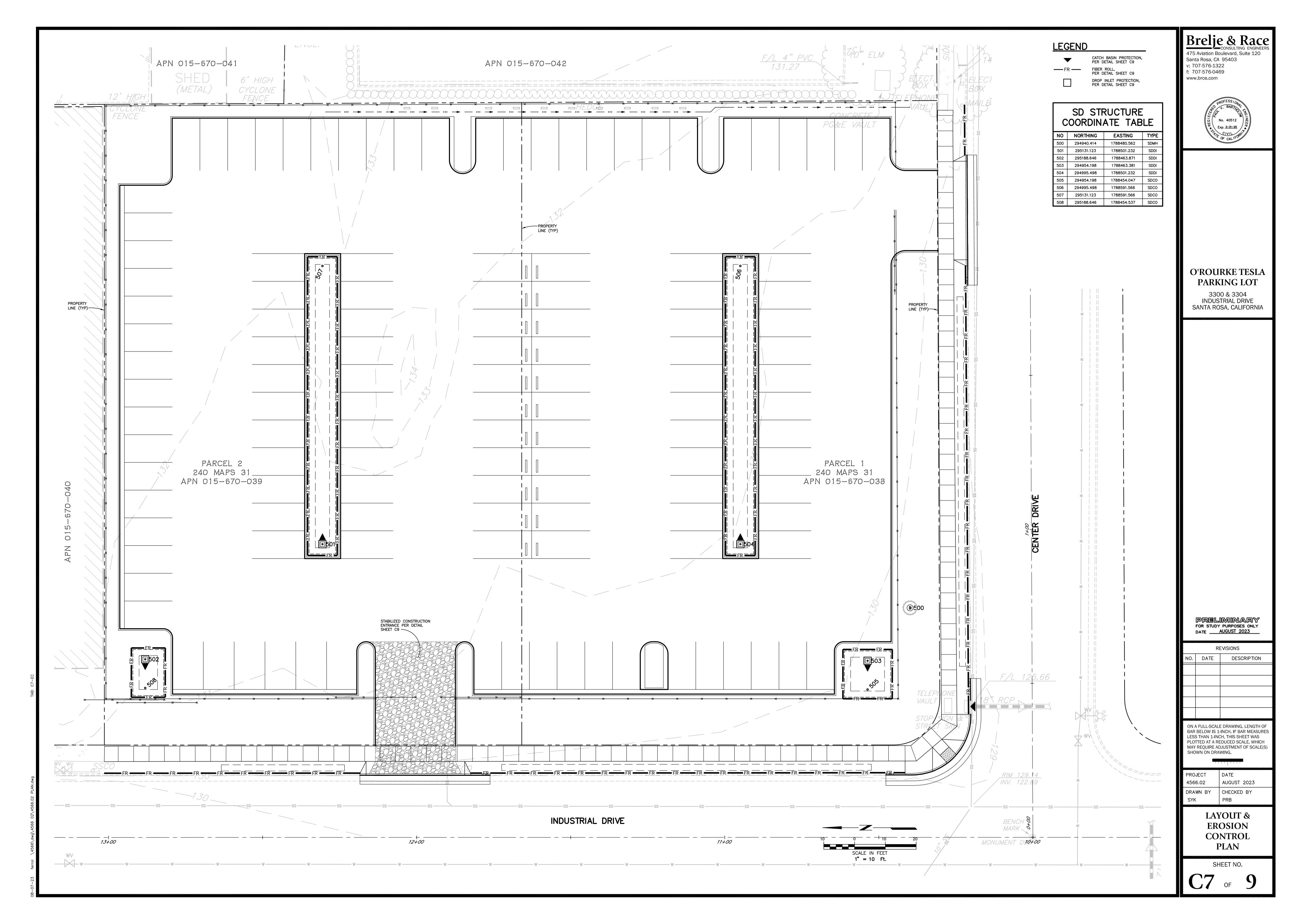
ABBREVIATIONS LEGEND & **NOTES**

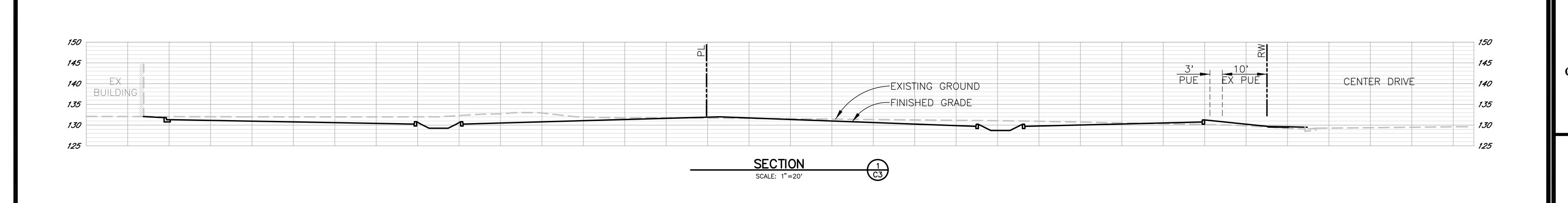
















O'ROURKE TESLA **PARKING LOT**

3300 & 3304 INDUSTRIAL DRIVE SANTA ROSA, CALIFORNIA

PRELIMINARY
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DATE ____AUGUST 2023

REVISIONS

NO. DATE DESCRIPTION

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DATE AUGUST 2023 PROJECT 4566.02

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SECTIONS

