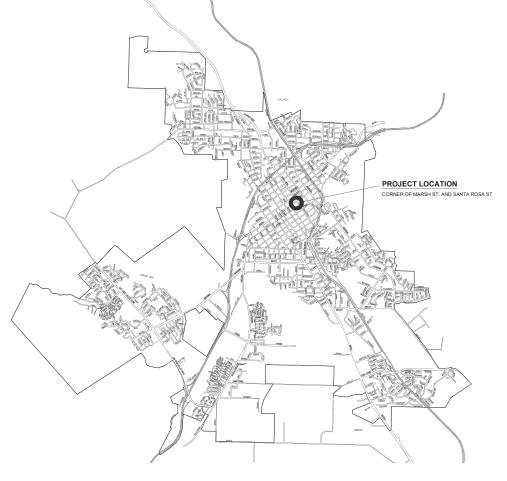
general notes:

- O TI SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR PERMITTEE TO CONTRACT "UNDERGROUND SERVICE ALERT OF NORTHERN CALEFORNIA" SP HONDE AT 8-1-1 FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION FOR LOCATION OF POWER TELEPHONE, OIL AND NATURAL GAS UNDERGROUND FACILITIES CONTRACTOR OR PERMITTEE SHALL ALSO CONTACT THE APPROPRIATE AGENCY FOR THE LOCATION OF CABLE T.V., WATER, SEWER, DRAINAGE OR UNDERGROUND FACILITIES.
- 2. THE CONTRACTOR SHALL POSSESS A CLASS "A" LICENSE AT THE TIME OF BID OPENING.

datum:

HORIZONTAL CONTROL FOR POINTS & AS PUBLISHED IN THE CITY OF SAN LUIS OBISPO 207 HORIZONTAL CONTROL NETWORK CITY NETWORK IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) EPOCH DATE 1991.35, ZONE

VERTICAL CONTROL BENCHMARK NO. 5A WITH AN ELEVATION OF 23.84 AS PUBLISHED IN THE CITY OF SAN LUIS OBISPO 2007 BENCHMARK SYSTEM. IS ASSED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



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description

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ELECTRICAL NOTES, LEGEND, AND

ABBREVIATIONS

ELECTRICAL DETAILS

ELECTRICAL SITE PLAN

CA TITLE 24 OUTDOOR COMPLIANCE

E5 CA TITLE 24 OUTDOOR COMPLIANCE

FORMS

Reference Documents: City Standard Specifications - August 2020 Edition

City Engineering Standards - August 2020 Edition



san luis obispo county, california

CHENG PARK REVITALIZATION

APPROVED BY

[MO DAY, YEAR] Brian Nelson, City Engineer R.C.E. XXXXX Approved Date

91385-10

DECEMBER 2021 FILE NO./LOCATION

G001

TOPOGRAPHIC SURVEY

BEING A TOPOGRAPHIC SURVEY OF A PORTION OF LOT 16 & 17 IN BLOCK 109 IN THE CITY OF SAN LUIS OBISPO APN 002-443-005

BENCH MARK:

VERTICAL DATUM FOR THIS SURVEY IS BASED ON SAN LUIS OBISPO CITY BENCHMARK NO. SA A 2" ALUMINUM DISC 16 FEET NORTHERLY OF THE B.C.R. AND THE NW CORNER OF SANTA ROSA AND MARSH STREET HAVING AN ELEVATION OF 223.64 FEET

LEGEND

d d	EXISTING	FIRE	HYDRANI

SEWER MANHOLE

0

SIGN

WATER VALVE

WATER METER

IRRIGATION VALVE

1998 IRRIGATION BOX

C47V CABLE TV BOX

POE PG&E BOX

SAG SIGNAL BOX

ELECTRICAL BOX

EB

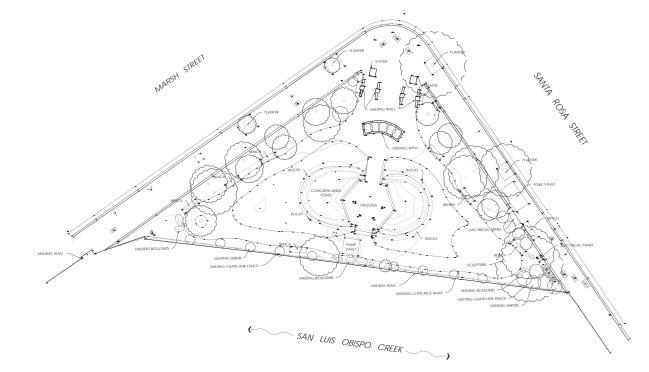
SURVEYORS NOTES

- SECRETURIES.

 2. ONLY THE SUBFACE EVIDENCE OF UNDERGROUND UTILITIES HAVE BEEN MEASURED IN THE RELD ON THIS SURFEY. IF APPROXIMATE UNDERGROUND AUGMENTS ARE SURVINE, INAME IN OWARRANTEE. AS TO THE ACTUAL LOCATION, IT THE OR DEPTH OF THOSE USE OF THE ACTUAL LOCATION OF THE ACTUAL LOCATION OF UNITIES PRIOR TO ANY EXCAVATION. THE SURFEYOR ALSO HAS MADE IN ON THE SURFEY OF THE SURFEY OF
- THE SIGNED AND SEALED ORIGINAL DRAWING OF THIS MAP CONSTITUTES THE FINAL WORK PRODUCT. RRM DESIGN GROUP WILL NOT BE LIABLE FOR ELECTRONIC VERSIONS OF THIS MAP PROVIDED TO OTHER PARTIES.
- 5. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM THE SOUNDARY LINES SHOWN HEREON WERE COMPILED FROM RECORD INFORMATION [I.E. RECORDED AMPS OR DEEDS] AND ARE NOT INTENDED TO REPRESENT THE TRUE OR ACTURAL BOUNDARY LINES OF THE SUBSCIPE FROMERY. TO SEE THE PLANT OF THE PLANT BOUNDARES OF THE PLANT FROMERY FROMERY FROM BOUNDARY SUPPLY, HE SETTING FROMERY FROM FROM THE FILLING FOR THE PLANT FROM THE FILLING FROM THE FILLING FOR THE PLANT FROM THE PLANT FROM THE FILLING FROM THE PLANT FROM THE PLANT



DATE 05/07/21 SCALE I" =10'







CHENG PARK REVITALIZATION

EXISTING CONDITIONS



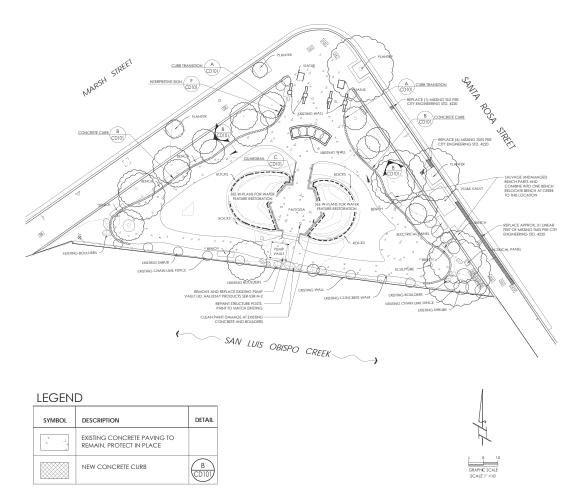
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> 1' = 10" DECEMBER 2021 91385-10

G101

CONSTRUCTION NOTES

- APPROVED PLASS NO CONSTRUCTION SHALL BE STARTED WITHOUT PLASS
 APPROVED BY OWINGE. THE OWNER SHALL BE NOTIFIED AT LEAST 48 HOUSE PROOF
 TO STARTING CONSTRUCTION. ANY CONSTRUCTION DONE WITHOUT APPROVED
 PLASS OR WITHOUT NOTIFICATION TO THE OWNER ANY BE REJECTED AND WILL BE
 AT THE CONTRACTIONS AND/OR OWNERS RISK. THE CONTRACTION SHALL HAVE
 AND SHALL BE FAMILIAR WITH ALL APPLICABLE STANDARDS AND SPECIFICATIONS.
- UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY EXCAVATION OR BORING,
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTING ALL AGENCIES
 INVOIVED AND SHALL LOCATE ALL FACILITIES PRIOR TO THE EXCAVATION. THE
 CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA), TOLL FREE AT 811
 AT LAST ARE HOUSE PRIOR TO THE START OF ANY EXCAVADION.
- 3. EXSTING UNDERGROUND UITUITIES. THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND FACULTIES. WHERE FROWN ON THE PLANS ARE ASSED AND MAY NOT ACCURATELY REFLECT HE ACTUAL LOCATION OF ELEVATION. THE CONTRACTOR SHALL ASSIME SOLE AND COMPLETE RESPONSIBILITY FOR LOCATINGS OF PROTECTING THE SAME DURING THE COURSE OF THE PROJECT. ANY DEVALUTIONS OF PROTECTING THE SAME DURING THE COLORS OF THE PROJECT. ANY DEVALUTIONS FROM THE LOCATIONS ASSIME SOLE SHOWN ON THE PLAN SHALL IMMEDIATELY RE BROUGHT TO THE ATTENTION OF THE CITY CRIPMS IS SERVICES ACENTLY.
- 4. SAEPT: THE CONTRACTOR SHALL ASSUME ALI RESPONSIBILITY FOR SAFETY OF THE JOB SITE AND THE CONSTRUCTION WORK. THE CONTRACTOR SHALL DISTRICT OF SHALL DISTRICT AND MAINTAIN ALL SAFETY DEVICES, AND SHALL BE SOLELY RESPONSIBE FOR CONFORMING TO ALL LOCAL. STATE, AND EFFECTIOR MAY NOTIFY THE CONTRACTOR OF ANY UNSAFE CONFILIONS. THE CITY INSPECTIOR MAY NOTIFY THE CONTRACTOR OF ANY UNSAFE CONFIDING WHICH MAY BE OSSERVED, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATELY TAKING ALL SUCH MAGAINERS AND LOSPECTION THE INSAFE CONDITIONS.
- PROTECTION OF PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF FURBLIC AND PRIVATE PROPERTY IN THE WICHINTY OF HIS WORK, AND SHALL EXERCISE DUE CAUDITION 10 ITS DIRECTANAL CONDITION, ALL IMPROVEMENTS OR PROPERTY WHICH IS DAMAGED OR REMOVED [UNLESS DESIGNATED FOR REMOVAL ON THE PLANS IS A RESULT OF HIS OPERATIONS.
- SITE CONDITIONS THE CONTRACTOR SHALL CONTINUALLY REVIEW JOB SITE
 CONDITIONS. CONDITIONS REQUIRING CONSTRUCTION DIFFERENT FROM THAT
 SHOWN ON THE PLANS SHALL BE REPORTED TO THE ENGINEER OF RECORD. ALL
 SUCH. CHANGES TO THE CONSTRUCTION SHALL BE APPROVED BY THE OWNER
 PRIOR TO PROCEEDING WITH THE CONSTRUCTION.
- CONTRACTOR'S RECORD OF CHANGES THE CONTRACTOR SHALL MAINTAIN A CURRENT, COMPLETE, AND ACCURATE RECORD OF ALL CHANGES FROM THE CONSTRUCTION AS SHOWN ON THESE PLANS AND SPECIFICATIONS FOR THE PURPOSE OF PROVIDING THE ENGINEER OF RECORD WITH A BASIS FOR THE
- EXISTING SURVEY MONUMENTS THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF PROPER RESITING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYOR'S ACT AT THE CONTRACTORS OWN EXPENSE.
- OFF-SITE GRADING OR OTHER CONSTRUCTION WORK NOT PERMITTED WITHOUT PRIOR PERMISSION OF THE OFF-SITE PROPERTY OWNER AND THE CITY OF SAN LUIS OBJOPO BUILDING DEPARTMENT.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR CLEANING CITY/STATE STREETS, CURBS, GUTTERS AND SIDEWALKS OF DIRT TRACKED FROM THE SUBJECT SITE. THE FLUSHING OF DIRT AND DEBRIS TO STORM DRAIN OR SANITARY SEWER FACILITIES SHALL NOT BE PERMITTED. THE CLEANING SHALL BE DONE AFTER EACH DAYS WORK OR AS DIRECTED BY THE PROJECTION REPORTOR.
- 11. ALL LARGE CONSTRUCTION EQUIPMENT IS TO BE EQUIPPED WITH "CRITICA" GRADE NOSS MUFFERS, NOSS LEVER REDUCTIONS, SOSOCIATED WITH THE USE OF "CRITICA" SATHER THAN STOCK GRADE MUFFLES CAN BE AS HIGH AS 568A. ENGINES WILL BETIMED TO INSURE CONVETT FORSIBLE HOOSE LEVELS, BACK UP BEFFES ARE TO BE TUNED TO INSURE LOWEST POSSIBLE HOOSE LEVELS AS ALLOWED BY CHAIN.
- 12. IN THE EVENT THAT GRADING OR OTHER OPERATIONS DO UNCOVER BURIED ARTIFACTS. ALL CONSTRUCTION CALVITIMES SHALL BE HAITED TO PREVENT FURTHER DISRUPITION OF THE NEWLY DISCOVERED ARCHAEOLOGICAL SIE. A QUALIFIED ARCHAEOLOGIS SHOULD THEN EVALUATE THE DESCOVERY AND RECOMMEND THE APPROPRIATE DEPOSITION OF THE RESOURCES. THE CITY CONFRAL SERVICES ACCION SHALL BE NOTIFIED. ALL STATE AND TETERAL LIVES SHALL BE COMPIED.
- 13. CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CITY OF GOLETA BUILDING INSPECTORS, OF HE CITY'S AUTHORIZED PREFESSINATIVE. AND THE HOSPIGNER OF RECORD 24 HOURS PRIOR TO THE MEETING. THIS MEETING SHALL INCLUDE THE SPECIAL INSPECTION PEPORTING REQUIREMENTS, LOCUSSON OF THE ROSION CONTROL, DISABLED ACCESS COMPLIANCE A REPORTS REQUIRED. CALL CITY OF SAN LIST OBSEP OF OR RESPECTION.
- CONCRETE CUTTING REQUIRES COMPLETE RECOVERY OF THE SLURRY VIA VACUUM SYSTEM OR OTHER LIKE SYSTEM.
- WHEN POURING OR PATCHING CONCRETE, WASHOUT IS REQUIRED TO BE USED ONSITE







IENG PARK REVITALIZATION

PLAN

CONSTRUCTION

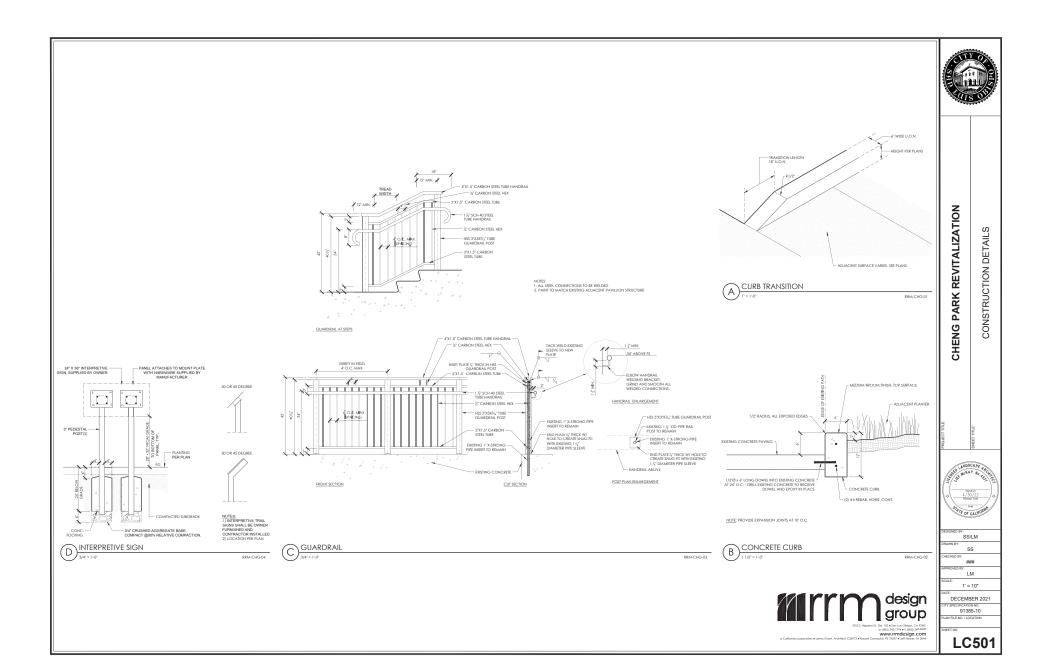


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PPROVED BY:
LM

DECEMBER 2021

SPECIFICATION NO.
91385-10

LC101



PLANT SCHEDULE

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	
	2	ACACIA COGNATA 'COUSIN ITT'	COUSIN ITT LITTLE RIVER WATTLE	5 GAL	
\odot	5	CAMELUA JAPONICA 'DEBUTANTE'	DEBUTANTE CAMELLIA	15 GAL	
\odot	4	CAMELLIA SASANQUA 'SHISHI GASHIRA'	SHISHI GASHIRA CAMELLIA	15 GAL	
+	23	CAREX TUMULICOLA	FOOTHILL SEDGE	4"POT	
0	8	CHONDROPETALUM TECTORUM 'EL CAMPO'	EL CAMPO SMALL CAPE RUSH	5 GAL	
A	5	CLEMATIS ARMANDII	EVERGREEN CLEMATIS	5 GAL	
0	6	LIRIOPE GIGANTEA	GIANT LIRIOPE	5 GAL	
0	18	LOMANDRA LONGIFOLIA "LOMLON"	LIME TUFF DWARF MAT RUSH	1 GAL	
0	11	LOMANDRA LONGIFOLIA 'PLATINUM BEAUTY'	MAT RUSH	5 GAL	
*	2	PINUS MUGO	MUGO PINE	15 GAL	
•	29	SEDUM REFLEXUM 'BLUE SPRUCE'	BLUE SPRUCE-LEAVED STONECROP	1 GAL	
\odot	7	TRACHELOSPERMUM JASMINOIDES	CHINESE STAR JASMINE	5 GAL	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING
	988	CAREX TUMULICOLA	FOOTHILL SEDGE	4" POT	12" o.c.
	58	JUNIPERUS CONFERTA 'BLUE PACIFIC'	BLUE PACIFIC SHORE JUNIPER	1 GAL	24" o.c.

REFERENCE NOTES

SYMBOL DESCRIPTION

1

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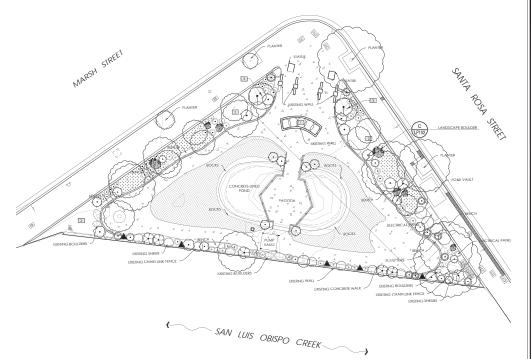
THIN EXISTING BAMBOO BY REMOVING 50% OF CANES DISTRIBUTED EVENLY THROUGH PLANTER

2 EXISTING PLANTING TO REMAIN

REMOVE EXISTING TREE AND REPLACE. SEE PLANTING SCHEDULE.

PLANTING NOTES

- PRESERVE EXISTING IRRIGATION VALVES AND PROVIDE NEW DRIP TUBING TO NEW PLANTING PER CITY STANDARD 860. DEMONSTRATE SYSTEM OPERATES AT FULL CAPACITY PRIOR TO PLANTING INSTALLATION.
- 2. EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED IN PLACE. REFER TO CITY STANDARDS FOR TREE PROTECTION REQUIREMENTS.
- NEW PLANTING AREAS SHALL BE AMENDED, SCARFFY COMPACTED SOIL TO DEPTH OF 4" PRIOR TO PLANTING, CONTRACTOR TO AMEND BY HAND BENEATH FIXISTING TREES, TAKING CARE NOT TO SEVER ROOTS GREATER HAIN "TO JA., BACKFILL TO BE COMPRISED OF 50% COMPOST AND 50% NATIVE SOIL MIX. SEE PLANTING DETAILS.
- 4. PLANT LIST IS FOR CONVENIENCE OF CONTRACTOR ONLY, IN CASE OF DISCREPANCIES BETWEEN THE PLANS AND THE LIST, PLANS SHALL PREVAIL.
- 5. PLANT LOCATIONS SHOWN ON THE PLANS ARE DIAGRAMMATIC. CONTRACTOR SHALL LOCATE ALL PLANT MATERIAL WIDER THE DIRECTION OF THE OWNER OR AUTHORIZED REPRESENTATIVE PRIOR TO PLANTING HOLE EXCAVATION.
- 6. ALL GROUNDCOVER SHALL BE TRIANGULARLY SPACED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL INSTALL A 3" LAYER OF STINGY CEDAR BARK MULCH IN ALL SHRUB PLANTING AREAS.









CHENG PARK REVITALIZATION

PLANTING PLAN



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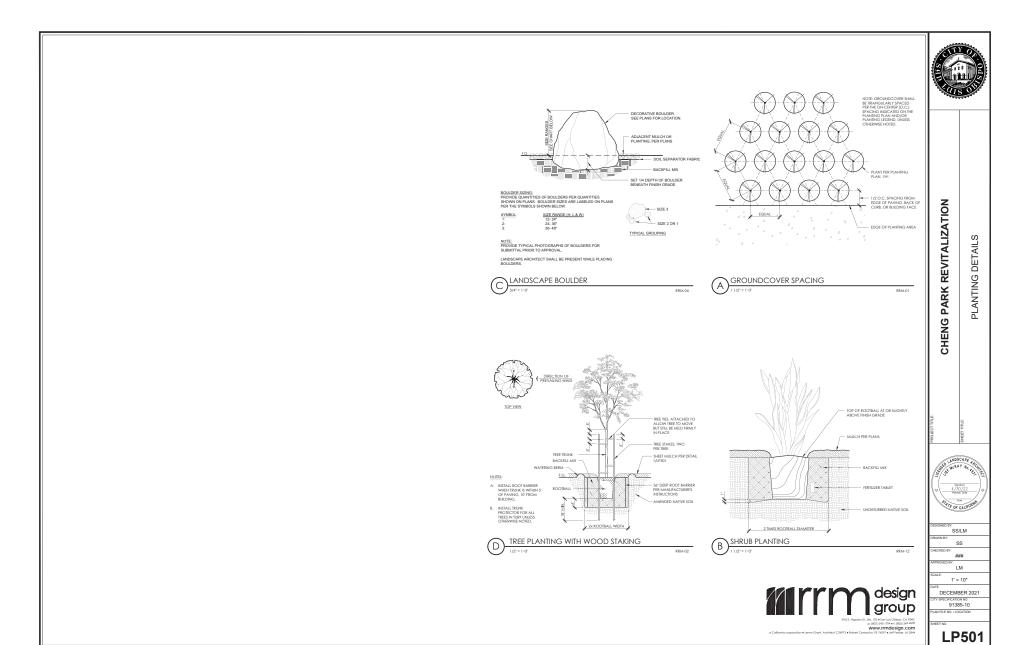
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SCALE
1' = 10"

DATE:
DECEMBER 2021

CITY SPECIFICATION NO.
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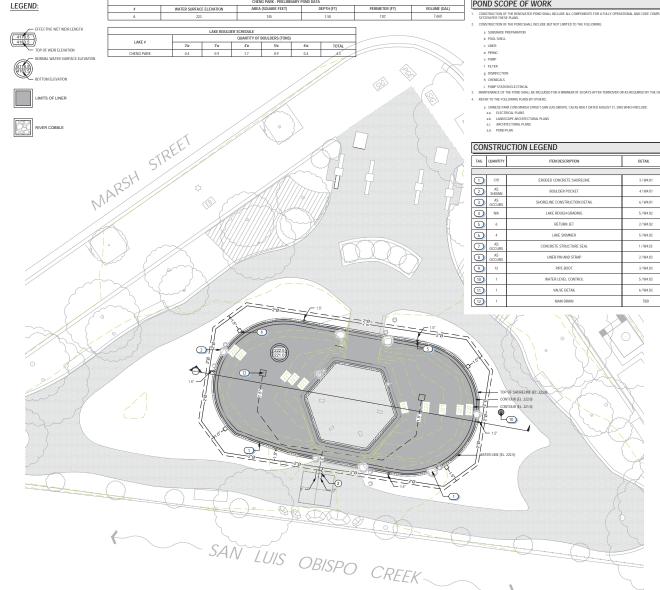




sos SAS KT LM 1" = 5'-0"

DECEMBER 20 2021 PECIFICATION NO. 91385-10

W1.01



CHENG PARK - PRELIMINARY POND DATA

POND SCOPE OF WORK

TAG	QUANTITY	ITEM DESCRIPTION	DETAIL
1	170′	ERODED CONCRETE SHORELINE	3 / W4.01
2)	AS SHOWN	BOULDER POCKET	4 / W4.01
3)	AS OCCURS	SHORELINE CONSTRUCTION DETAIL	6 / W4.01
4	NA	LAKE ROUGH GRADING	5 / W4.02
5)	6	RETURN JET	2 / W4.02
6)	4	LAKE SKIMMER	5 / W4.02
7)	AS OCCURS	CONCRETE STRUCTURE SEAL	1 / W4.03
3)	AS OCCURS	LINER PIN AND STRAP	2 / W4.03
9	12	PIPE BOOT	3 / W4.03
10)	1	WATER LEVEL CONTROL	5 / W4.03
11)	1	VALVE DETAIL	6/W4.03
777	,		700

GENERAL LAKE NOTES

- CONCRETE FOR LAKE CONSTRUCTION UNLESS OTHERWISE SPECIFIED ON PLANS SHALL BE 6 SACK MINIMUM PEA GRAVILE PUMP MIX AND SHALL BE ABLE TO BE PRIMPED AT A "3 SLIMP WITH A TRAILER MOUNTED GROUT PLUMP WITH A HOSE THESE PLANS ABE MITERIDED FOR LAKE CONSTRUCTION ONLY. SEE DRAWINGS BY OTHERS FOR SPECIFIC ASPECTS OF CONSTRUCTION.
- ASSELS OF CURSINOLIDIUS.

 2. VERBY ELENDRINGS OF THE TOP OF CONCRETE SHORELINES AND HINGE POINTS PER THE ROUGH GRADING SECTIONS CONFIRM THAT THE ELEVATIONS ARE WITHIN ±0.10 OF THE MAXMAM WATER SURFACE ELEVATION SHOWN ON THE PLANS.

 1. LAKE CONTRACTOR IS RESPONSIBLE FOR FINISHED GRADES PER PLAN.
- CONTRACTOR TO STAKE ALL CRITICAL POINTS INCLUDING TOP OF SHORELINE, PIPING LOCATIONS, AND ALL LAKE COMPONENTS SHOWN ON THE PLANS.
- 5. LAKE CONTRACTOR TO COORDINATE WITH THE GRADING CONTRACTOR AND LAYOUT THE LAKE EDGE ON THE GROUND WATER LEVELS SHOWN INDICATE WATER SURFACE ELEVATIONS DURING OPERATION. ELEVATIONS MAY DIFFER DURING SHUTDOWN CONDITIONS.
- ALL MANUFACTURER PRODUCT CALL OUTS SHOWN IN THESE PLANS SHALL BE CONSIDERED TOR APPROVED EDULATION.
 THE MACE ON THEMNES IN OTEL CONTROL ON TO PROVIDE SHOP DRAWINGS OF SUBSTITUTIONS FOR APPROVAL.
 THE MACE CONTROL ON SHALL VERIFY THE ANALIABLE ELECTRICAL POWER PRIOR TO PURCHASING DUMPHENT.
- I THE LIBER CONTROL OF SHALLY USEN'T HE AVAILABLE LILE FROM, POWER SHOW IN OPERALWHISE ISSUEMENT.

 SERSET ON LIBERAGE, MACHIETTE SPECIALISTS FROM COLD, EVEN OF BROULDEST TO BE USED AMONISTRATIONS
 OWNERS HOPE OWNERS SERVESSHATATIC FROM TO SETTIME ANY BROULDEST TO WITHEST SHE BOULDEST
 BOTALLATION AND TO MAKE ADJUSTMENTS AN EXCESSION?

 10. CRITICAL ELEVATIONS INCLUDING TOP OF CONCRETE SHORELINE & CONTROL, WERE ELEVATIONS SHALL BE INSTALLED
 ABOUT OF ELEVATIONS FROM LIBERAGE TO SHOW THE SHORELINE AS OFTEN ANY SHALL BE INSTALLED.
- 11. GENERAL PIPELINE NOTES:
- 11.1. ALL RE-CIRCULATION PIPE SHALL BE INSTALLED WITHOUT HIGH POINTS, PREVENT AIR TRAPS AND PROVIDE A 3'-0' (MIN) COVER OUTSIDE WATER FEATURE LIMITS AND A 1'-0' (MIN) COVER WITHIN UNLESS OTHERWISE NOTED ON THE PLANS.

11.2. ALL PVC PIPE SHALL BE PER THE FOLLOWING SCHEDULE UNLESS OTHERWISE NOTED: 112. ALL POPPE SMALL BEFER THE FOLLOWING SCHOOLE UNESS OTHERWISE NOTICE:

301 MO LIAGGER BUT PER POPPE GOR SEPECTION OF PLAN

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- 11.4. PAINT ALL EXPOSED PVC PIPE WITHIN THE LAKE AREA WITH BLACK OR DARK BLUE PAINT SUITABLE FOR PIPE MATERIAL.
- 12. GENERAL LINER NOTES:
- 21. THE GOUNDERBRANE LINER SHALL BE JOINL REINFORCED POLYETHYLENE (RPE) SEE LINER SPECIFICATIONS FOR ADDITIONAL INFORMATION.

 12.2. THE SUBGRADE TO BE COMPACTED PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.

LINER SEAMING NOTES

- PAWEL LAYOUT DRAWMISS SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL SHOWING DIRECTION OF FACTORY SEAMS AND THE LINGTH OF EACH SHEET OF GENERABRANE USED IN THE PAGE.

 THE SUBGRADE SHOULD BE PROCEEDLY PREPARED PRIOR TO INSTALLATION OF THE LINER.
- ALL SURFACES IN CONTACT WITH THE LINER MUST BE FREE OF SHARP STONES, OBJECTS OVER 3/8" OTHER DEBRIS THAT CAN PUNCTURE OR TEAR THE LINER.
- NO STANDING WATER, MUD, SNOW, FROST/FROZEN SOILS, OR EXCESSIVE MOISTURE SHOULD BE ON THE SUBGRADE WHEN THE LINER IS DEPLOYED.
- THE SUBGRADE SHOULD BE CONSTRUCTED OF A FIRM AND STABLE SMOOTH BASE CON PROCTOR DENSITY.
- PROJUKE KERSITT.

 DESSICATION (RACKS SHOULD NOT EXCEED W IN WIDTH.

 THE LINER SHOULD BE INSTALLED WHEN THE AMBIENT TEMPERATURE IS BETWEEN 32" AND 122" FAHRENHEIT
- THE SEAMING SURFACES MUST BE CLEAN AND DRY.
- The SEAMMING SHORMES MIGHT BE CLEAN AND LINET.
 LINER'S EARMED IN THE FIELD SHALL HAVE THERMAL WELDS USING A HOT WEDGE OR HOT AIR WILDERS.
 THE MINIMAL SEAM WIDTH FOR HOT WEDGE WELDING S.Z. WITHING LOCKS FLAP ON THE TOP SIDE.
 THE EFFECTIVE BONDED SEAM WIDTH SHOULD BE NO LESS THAN 1.5".

- 12. THE CUTTURE SHARED SHARE MINISTRUCTURE ROLLS SHOW TO.

 THE WINDS ESTENDAL VIEWATION SHARE SHE WENT THO SHEETS OF LINER. AST MELTS, SURFACE PRESSURE IS APPLIED, AND THE STANDARD FOR SHARED WINDS. SHARED SHARED WINDS AND SHARED WINDS AND SHARED WINDS SHARED WIN
- 16. AT A MINIMUM AIR LANCE TESTING IS REQUIRED FOR LINER INSTALLATION

ROUGH GRADING NOTES

- THE LAKE SHALL BE EXCAVATED BY THE GRADING CONTRACTOR. REFER TO THE ROUGH GRADING SECTION (PLUS 2 INCHES OR AS OTHERWISE THE UNIT OF CONCRETE SHORELINE FINISH GRADE ELEVATION PER PLAN (WARLES DEPENDING ON THE TYPE OF SHORELINE) AS THE CONTROL. USE THE FOR OF CONCRETE SHORELINE FINISH GRADE ELEVATION PER PLAN (WARLES DEPENDING ON THE TYPE OF SHORELINE) AS THE CONTROL. LINE ON PLAN VIEW.
- STAKE CRITICAL POINTS SUCH AS TOP OF SHORELINE. HINGE POINTS, AND LAKE BOTTOM ELEVATIONS
- STANE, STORLING PRINTS SOURCH SE OFF O SHARKERIN, HIGH EVENTS, AND LOVER BUT HORSE RESPONSE WITH METERALE SHALL BE WITHIN HYP FROM MERK TOP OF SHORKERING THE EXCOUNTED FROM THE CHARKER SHALL BE WITHIN HYP FROM THE ELEVATION SHOWN ON HE MAD.

 FOR EXCHANGE SHARKER SHARKER TOP OF SHARKERING AS THE STARKER FROM THE PRINT STARK FROM TOP OF SHARKERING A GRADE ACCORDING TO ROUGH GRADE SCHOOL SHARKER SHARKER
- INCHES)
 FOLLOW GEOTECHNICAL ENGINEER'S RECOMMENDATIONS FOR ROUGH GRADING OPERATIONS. REFER TO THE LATEST GEOTECHNICAL REPORT.
 THE ON SITE GEOTECHNICAL ENGINEER TO MAKE RECOMMENDATIONS BASED ON EXISTING CONDITIONS FOUND DURING BOUGH GRADING.

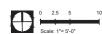
- CHANGES PER LAKE CONTINUEDORS DIRECTION.

 11. CONTRACTOR TO REMOVE SEDIMENT ON TOP OF THE EXISTING LINER PRIOR TO ROUGH GRADING. SEDIMENT TO BE REMOVED FOR DISPOSAL.

CONSTRUCTION NOTES

 $\textcircled{\scriptsize 10}^{\sf REFER TO BOULDER SCHEDULE FOR SIZE AND QUANTITIES. BOULDER TYPE PER LANDSCAPE ARCHITECT. }$

(2) PIPE SIZE PER PLAN. PIPE TRANSITIONS TO 2'00 PIPE INSIDE PUMP STATION.





DEMOLITION NOTES

- THAT ARE APPLICABLE PER PROJECT SCOPE.

 THE EDMANLTHIS CHEMICATES CHAPILLY EXEMPT ALL PROPERTY LINES, LIMITS OF WORK LINES, AND LOT LINES PRIOR COMMENCEM ANY EDMANLTHOW WORK.

 THE EDMANLTHIS CONFIDENCE OF WALL COORDINATE ALL MODE THE CHAPIT THE CARRIEST CONFIDENCE AND WALL CONFIDENCE A

- THE 18ED HAIL DIRECTION DESIGNATIONS OF CONTRICTIONS USES THAT MAY NOT HAVE BEEN DOWN USBRIDE.

 BE STREET, AND COMMENT OF THE STREET, AND COMMENT OF THE STREET, AND COMMENT OF THE STREET, BEST STREET,
- LIGHTING ESSIGNESS FOR ADDITIONAL INFORMATION.

 THE CONTRIGUES SHALL PROTECTINE IN EACH ALD MACENT PROPERTIES AND IMPROVISIONS NOTIFY ADMICIST PROPERTY OWNERS AND MANUAL OF THE PROPERTY OWNERS AND THE PROPERTY OF THE PROPERTY IN ELECTRON OF SHALL BE RESPONSIBLE FOR REPAIR AND REPLACEMENT OF ANY DAMAGE TO ADMICIST.

 THE CONTRIGUES OF THE OPERATION OF THE PROPERTY OF TH
- THE CONTRACTOR SHALL PERFORM ALL CLEARING AND GRUBBING WORK NECESSARY TO ALLOW FOR ALL NEW CONSTRUCTION.
- CONTRICTOR.

 THE DISMOSTRIDE CONTRACTOR SHALL BE RESPONDED. FOR MARKING HARGLEF FAMILIAR WITH ALL UNDESGRANDO
 DISMOST AND REPLACEMENT OF SHAD VILLIES.

 THE CONTRICTOR SHALL CONTRICTOR SHAD VILLIES.

 THE CONTRICTOR SHALL CONTRICTOR DEPOTED CETAL DESCRIPTION LETTER SHAPPE.

 THE CONTRICTOR SHALL CONTRICTOR DEPOTED CETAL DESCRIPTION LITTLE SHAPPE. SHAPPE.

 THE CONTRICTOR SHALL CONTRICTOR DEPOTED THE ARM PERMOUNTION OR CONSTRUCTION FOR VERBELLION OF UNDERGRANDOWN UTULES.

DEN	/OLITI	ON LEGEND							
TAG SYMBOL ITEM DESCRIPTION									
TO BE F	REMOVED	•							
A		EXISTING LAKE CONCRETE SHELL							
B		CONCRETE SHORELINE							
0		BOULDERS/COBBLE (PART OF SHORELINE)							
(D)	7////3	VAULT LID - LID TO BE REMOVED							

PROTECT IN PLACE LEGEND

TAG	SYMBOL	ITEM DESCRIPTION
TO REM	AIN	
1		PRE-CAST CONCRETE VAULT
2		ELECTRICAL SWITCH FOR PUMP - CONNECT NEW PUMP TO SWITCH

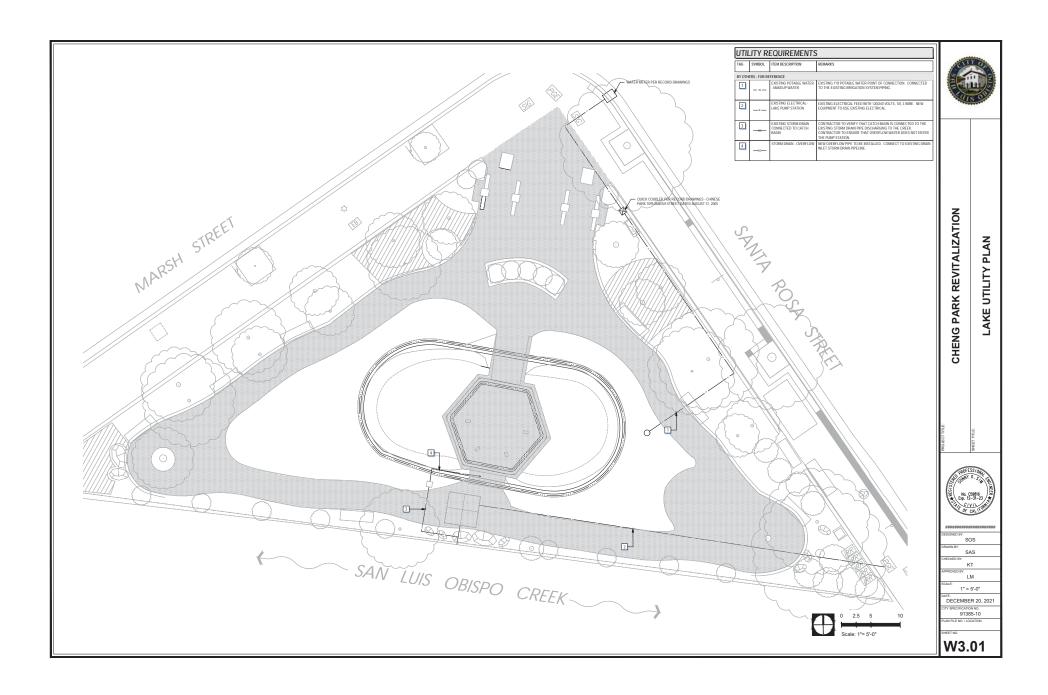


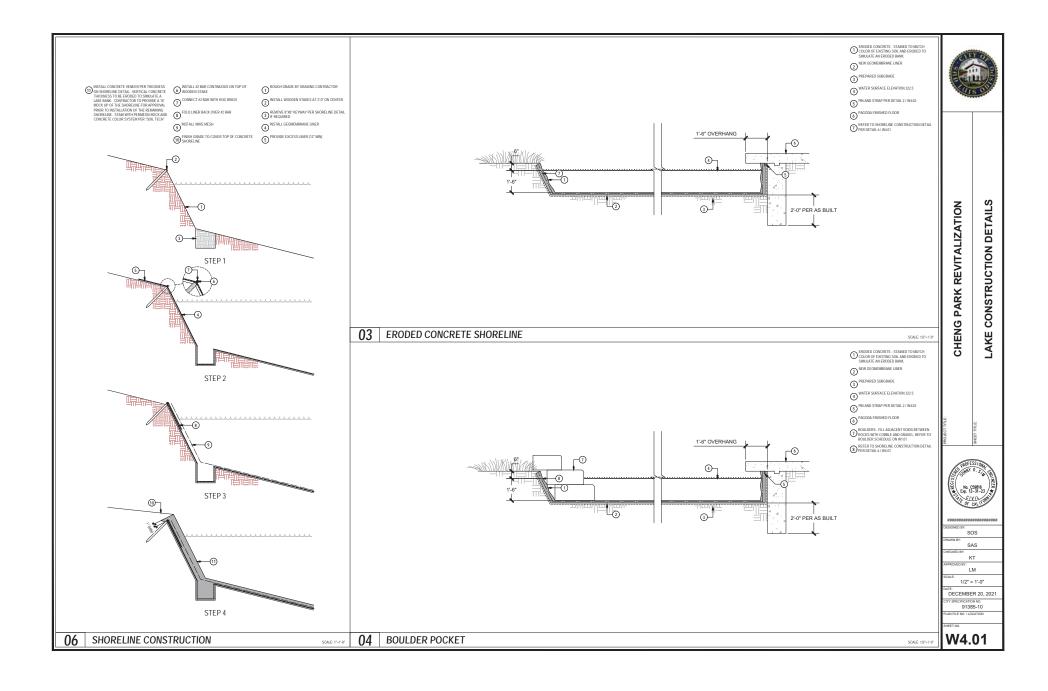
CHENG PARK REVITALIZATION

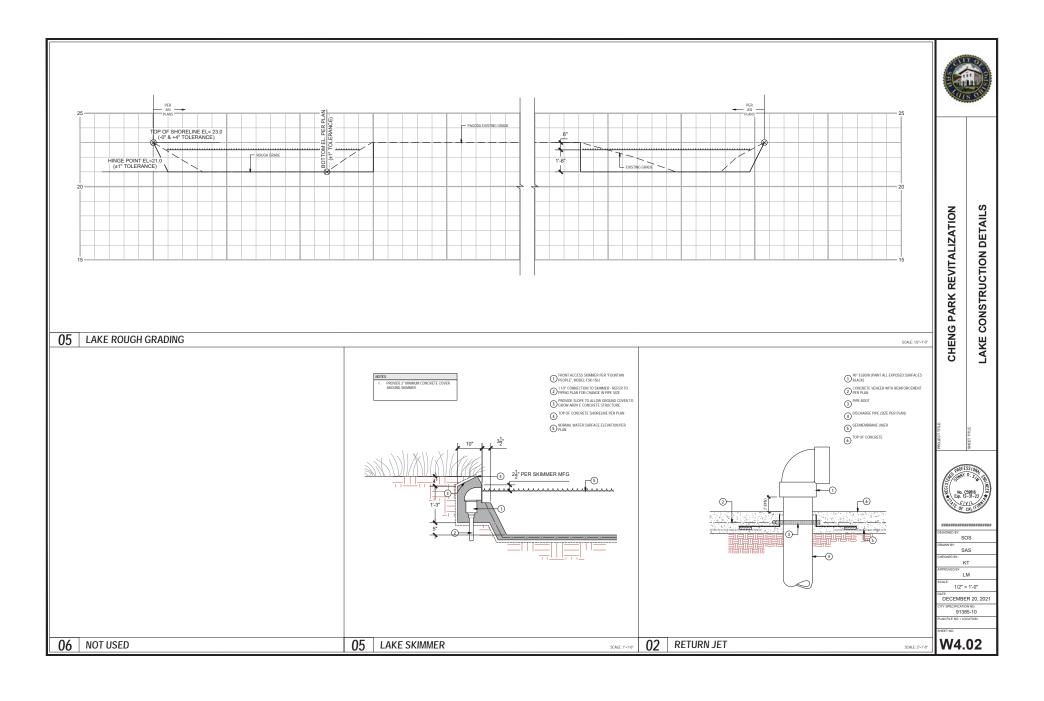
LAKE DEMOLITION PLAN

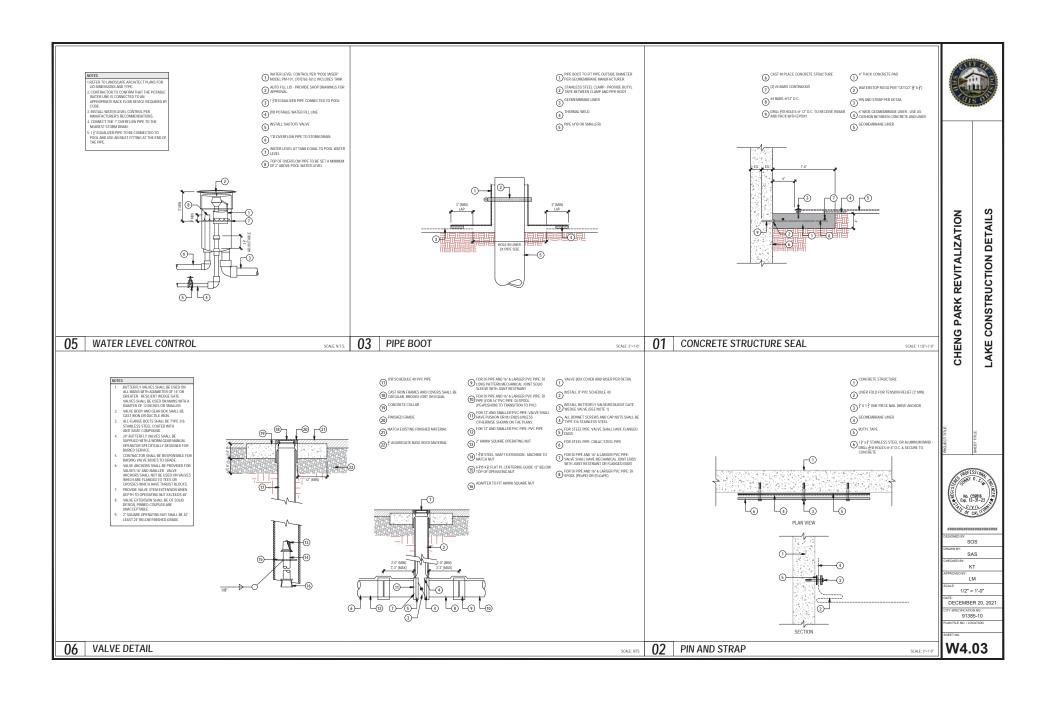


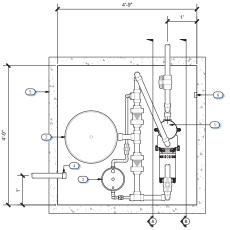
SAS LM 1" = 5'-0" DECEMBER 20, 2021 91385-10 W2.01











PUMP STATION CONSTRUCTION NOTES

- RECOMMENDATIONS

 CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL COMPONENTS FOR A FULLY FUNCTIONING SYSTEM SHOWN ON THOSE SHEETS NOT ALL COMPONENTS MAY BE SHOWN ON THE SCHEMATIC.

 EPOXY COAT REQUIRED FOR ALL WET SUB-RACES ON ALL PRIPES.
- 4. CONTRACTOR TO VERIFY ALL EQUIPMENT DIMENSIONS PRIOR TO PURCHASE AND INSTALLATION OF EQUIPMENT

- CONTRACTOR TO VEREFY ALL COMPANT MANISTORS PROR TO PURCHASE AND INSTALLATION OF COURMENT.
 CONTRACTOR STALL SIGHT SAFE PROBLEMS OF RETRIEVE TO RECOVER AND SUPPLED EQUIPMENT TIME PRODUCT TO RESTALLATION.
 INSTALLATION CONTRACTOR ALL COURMENT TIMES SHALL BE PER RESPECTIVE COURMENT MANIFACTURER'S SHOP DISWAYMER'S AND RECOMMENDED RESTALLATION REQUIREMENTS.
 ALL COURMENT OF THE CONTRACTOR AND THE CONTRACTOR OF STALLATION RECOVERANTS.
 SERVICE FLANCE, WALL'S OR WALL'S COURS AND THE PORTION FOR THE CONTRACTOR THE SYSTEM F.E. PURPS.
 SERVICE FLANCE, WALL'S OR WALL'S COURS AND THE PORT OF THE SYSTEM F.E. PURPS.
 SERVICE FLANCE, WALL'S OR WALL'S COURS AND THE PORT OF THE SYSTEM F.E. PURPS.
 ALL VALVES SHALL BE ROTATION FOR THE PRIMARY FACTOR STEED WATER STATEMENT FOR RESEARCH PRIMARY.
 ALL VALVES SHALL BE ROTATION FOR THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PORT OF THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PORT OF THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PORT OF THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PORT OF THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PORT OF THE PRIMARY FACTOR STEED WATER STATEMENT FOR THE PORT OF THE PRIMARY FACTOR STEED WATER FACTOR FROM THE PORT OF THE PRIMARY FACTOR STEED WATER FOR THE PORT OF THE

- 11. ALL ANCHORING SYSTEMS SHALL BE 316 S.S. REGARDLESS OF LOCATION UNLESS NOTED OTHERWISE

PUMP STATION PIPING NOTES

- CONTRACTOR TO PROVIDE PIPE SUPPORTS PER EQUIPMENT MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS AND PER THE PROJECT SPECIFICATIONS.
- ALL D.LP. SHALL BE CLASS 350 UNLESS NOTED OTHERWISE.

 ALL UNDERGROUND MECHANICAL JOINT FITTINGS SHALL BE SUPPLIED WITH RESTRAINING BOLTS (RJ FITTINGS) ALL BURIED PVC PIPE GREATER THAN 6'0 SHOWN ON PLANS SHALL BE C900 UNLESS NOTED OTHERWISE. ALL BURIED PVC PIPE 4'0 OR LESS SHALL BE SCH 40 PVC.
- 5. ALL PVC PIPE ABOVE GRADE SHALL BE SCH 80 PVC FOR ALL SIZES.
- ALL STAINLESS. STEEL PIPE SHOWN ON PLANS SHALL BE MINIMUM TYPE 30AL SCH 10 UNLESS NOTED OTHERWISE REFER TO MEP OR CIVIL ENGINEER PLANS FOR PIPE CONNECTIONS NOT SHOWN ON THESE PLANS.
- 8. ALL PIPING SHALL BE LABELED FOR FUNCTION (I.E., FILTER DISCHARGE, SKIMMER SUCTION, ETC.) AND FOR FLOW DIRECTION.
- CONTRACTOR SHALL PROVIDE AIR RELIEF VALVES FOR ALL PIPING HIGH POINTS WITHIN THE PUMP STATION.

LAKE PUMP STATION PLAN

CHENG PARK REVITALIZATION

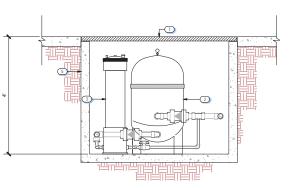


	DESIGNED BY:
	SOS
	DRAWN BY:
	SAS
	CHECKED BY:
	KT
ı	APPROVED BY:
	LM

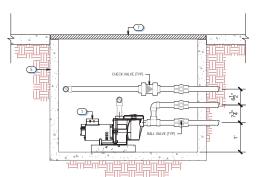
DECEMBER 20, 2021 SPECIFICATION NO. 91385-10

W5.01

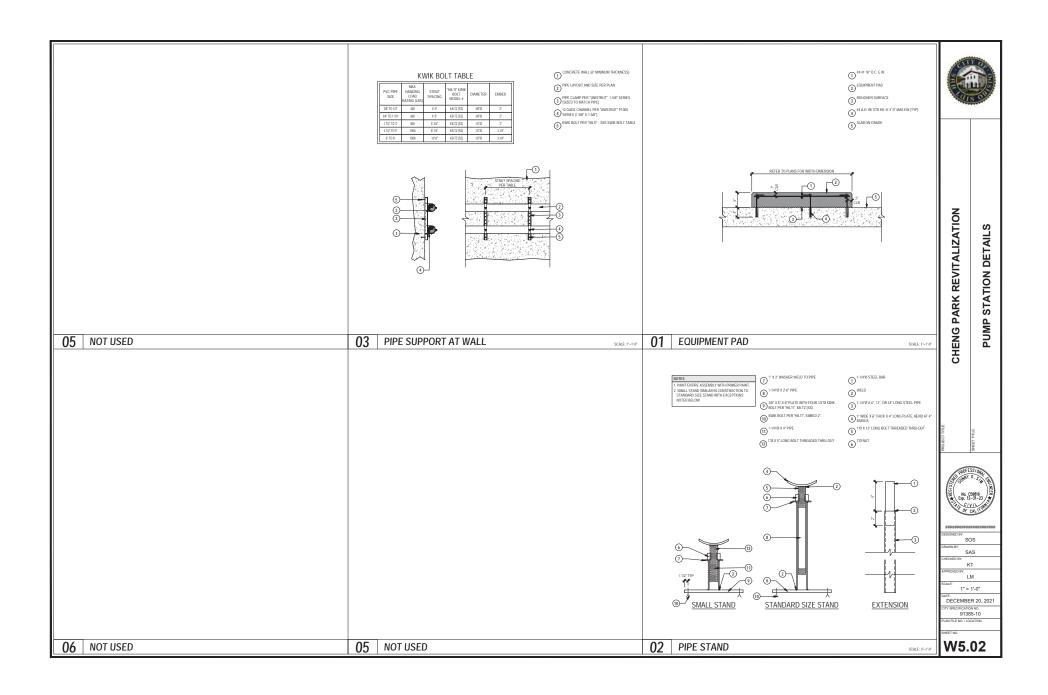
PUMP STATION - PLAN Scale: 1" = 1'-0"



PUMP STATION - SECTION A Scale: 1" = 1'-0"



PUMP STATION - SECTION B Scale: 1" = 1'-0"



A. CALIFORNIA CODE OF REGULATIONS TITLE 24; INCLUDES 2019 CALIFORNIA ELECTRICAL CODE, 2019 CALIFORNIA FIRE CODE, 2019 CALIFORNIA BUILDING CODE, ETC. WITH LOCAL AMENDMENTS AS APPLICABLE.

B AMERICANS WITH DISABILITIES ACT (ADA)

SAFETY: THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL EQUIPMENT IN A SAFE AND RESPONSIBLE MANNER. KEEP DEAD FROM FEQUIPMENT IN PLACE WHILE EQUIPMENT IS ENERGIZED. CORDUCT ALL CONSTRUCTION OPERATIONS IN A SAFE MANNER FOR REMICIVES AS A WILL AS OTHER WORK PERSONS OR ANYOUS WISHING THE JOS STIE. PROVIDE BARRIERS, FLACS, TAPE, ETC. AS REQUIRED FOR SAFETY. THE CONTRACTOR SHALL HOLD ALL PRITES HANDLESS OF HEALIGHTS MASTERY PRACTICES. WHICH HAY CAUSE HOURY TO OTHERS ON ON RABAT THE JOB

FIRE RATED ASSEMBLIES SHALL MAINTAIN RATINGS AS SPECIFIED IN THE CALIFORNIA BUILDING CODE CHAPTER 7. CONTRACTOR SHALL PROVIDE AND INSTALL PHYSICAL ENCLOSURE AROUND FIXTURES, PARELS, ETC. AS REQUIRED ALL ASSEMBLES TO DE PENETRATED SHALL EN ISTALL DWITH APPLICABLE THROUGH-PENETRATION FIRESTOP SYSTEM AS DETERMINED BY LL CLASSIFICATION, BEFORE CONSTRUCTION, VERIFY AND COMPLY WITH REQUIREMENTS OF LOCAL ALTHROFITH HAWNG JURISCITION.

MOUNTING HEIGHTS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

+16° AFF: RECEPTACLES, TELEPHONE, TV & DATA OUTLETS, (MEASURED BOTTOM OF OUTLET BOX) +46° AFF: OUTLET ABOVE COUNTER (MEAUSRED TOP OF OUTLET BOX) +46° AFF: LIGHT SWITCHES, (MEASURED TOP OF OUTLET BOX)) +46° AFF: FIRE ALARM MANUAL PULL STATIONS, T-STATS, (MEASURED TOP OF OUTLET BOX) THE LOWER OF 40° AFF TO BOTTOM OF LENS, OR 6° BELOW CELLING. FIRE ALARM MISUALS.

FURNISHED BY OTHERS FAN COIL FULL LOAD AMPS FLOOR

ABBREVIATIONS

ALCONDITIONER
ADJACENT
AMP FUSE, AMP FRAME BOVE FINISH GRADE AMPERES INTERRUPTING C ALLIMINUM
AMP SWITCH RATING
AUTOMATIC TIME SWITCH
AUTOMATIC TRANSFER SW.
AUDIGELEVALUDIO VISUAL
AMERICAN WIRE GAGE
BELOW FINISH GRADE
BASIC IMPULSE LEVEL
BUILDING
CONDUIT C CONDUIT
CAET TO CONDUIT
CAET TO CONDUIT
CAET TO CAENET
C CALIFORNIA FIRE CODE
CEILING
CENTER LINE
CIRCUIT
CONTRACTOR
CONDUIT ONLY MUPULLED
CONDUIT
CONTRACTOR
CONTRACTOR
COMPER
CONDENSING UNIT
DEPTH CL CKT CNTR C.O. COND CR CSFM CT Cu CU-#

FLA FLR FLUOF FS FVNR G GC GD GFCI FLOOR
FLUORESCENT
FUSIBLE SWITCH
FULL VOLTAGE NON-REVER
GROUNDING CONDUCTOR
GENERAL CONTRACTOR
GARBAGE DISPOSAL
GROUND FAULT CIRCUIT
INTERDIBUTED GFI INTERRUPTER GROUND FAULT CIRCUIT INTERRUPTER GND GRS GWS H HACR HID HOA hp HPF HPS IC ID IDF

IF
IG
JBOX
k
kVA
kW
LC
LPS
LRA
LS
LT
LTG
LV
MC
MCA
MCB
MCTB
MCTB
MCTB MECH MFR MFS MH MLO MOCP MSB MT MT HT MTS MTTB MTTC

DISHWASHER EMERGENCY EXISTING EXTERIOR FLUORESCENT FLUORESCENT FUTURE FURNACE FIRE ALARM FIRE ALARM CONTROL PANEL FIRE ALARM TERMINAL FORCED AIR UNIT

CONDENSING UNIT
DEPTH
DIRECT CURRENT
DRINGING FOUNTAIN
DIAMETER
DISCONNECT
DISTRIBUTION
DOUBLE POLE SINGLE THROW

INTERUPTER
GROUND
GALVANZED RIGID STEEL
GAND WITH SWITCH
HEIGHT HEH
HEIGHT HEH
HEIGHT HEH
HEIGHT HEH
HEIGHT HEH
HEIGHT HEH
HEIGHT BEFRIG
HEIGH KOUTFUT
HORN BEFFRIG
HOH OUTFUT
HOND-FF-AUTO
HORSEPOWER
HOH POWER FACTOR
HOH PRESSURE SCOUM
NITEROOM
INTERMEDIATE DISTRIBUTION
REALER
FRAME FRAME INSIDE FROST ISOLATED GROUND INSIDE FROST
INSIDE FROST
SOLATED GROUND
SOLATION
OLIVATITY 1000
KILOVOLTAMPS
LICHTING
LICHTING
LICHTING
LICHTING
LICHTING
LICHTING
LICHTING
MECHANICAL CONTRACTOR
MINIMAN CATUT FREMMAL
BOART
MAN DESTRIBUTION FRAME
MAN DISTRIBUTION FRAME MAIN DISTRIBUTION FRA
MECHANICAL
MANUFACTURER
MAIN FUSIBLE SWITCH
METAL HALIDE
MAIN LUGS ONLY
MAXIMUM OCP
MAIN SWITCHBOARD
MOUNT

MASS BOTTO-BOARD
HTM MANAFASS BEBOTT
HTM MANAFASS BEBOTT
HTM MASS BEBOTT
HTM M

TEL TELEPHONE
TELO TELEPHONE COMPANY
TS THE SWITCH
THE UL UNDERWRITERS LABORATOR
UON UNLESS OTHERWISE NOTED
USA UG SVC ALERT 800-642-2444 UNLESS OF HERMISON AVERAGE
US SVC ALERT SOL-642-2444
VOLT AUPERES
VOLT AL TERNATING CURRENT
VERY HIGH OUTPUT
VOLTAGE
VANDAL, RESISTANT
WIGHT, WATT WIRE
WATHERFOOF NEMA 3R)
R TRANSFORMER
NDICATES MOUNTING HEIGHT A USA
V
VA
VAC
VHO
VOLT
VR
W
WH-#
WP
XFMR
+48

OC OCP OD OH OSA OSHPD ON CENTER OVERCURRENT PROTECTION OUTSIDE DIAMETER OVERHEAD OOP OVERLUSERAT PROTECTION
OOP STATE OF THE **LEGEND**

POLE LIGHT
POLE LIGHT- DECORATIVE

UPLIGHT- FLUSH IN GRADE BOLLARD

LIGHT FIXTURES POWER/COMM. O CEILING SURFACEMOUNT
O WALL SURFACEMOUNT
PENDANT MOUNT
RECESSED DOWNLIGHT SINGLE RECEPT DUPLEX RECEPT. RELEGION
RECESSED WALLWASH
RECESSED FIXTURE
SURFACE FIXTURE
TRACK LIGHT
DIRECTIONAL FLOD
MEGENCY FIXTI

DUPLEX- HALF SWITCHED DOUBLE DUPLEX. HALF SWITCHED

DOUBLE DUPLEX, PALF SWITCHED DOUBLE DUPLEX, PALF SWITCHED DOUBLE DUPLEX SPECIAL CONFIDURATION FLOORMOINTS USBY, 108 RECEIPT DUPLEX FLOOR GUTLET GROUND FEAL TIGHCUIT INTERRU MOUNTED ABOVE COUNTER JUNCTION BOX TELEPHONE OUTLET DATA CUTLET PHONEIDATA COMBO OUTLET MOUNTED ABOVE COUNTER TELEVISION OUTLET SAFETY DISSONMECT UNDERCABINET LIGHT
WALL SURFACEMOUNT LINEAR TO
PENDANT LINEAR FIXTURE
RECESSED WALLMOUNT
WALLPACK
EXIT LIGHT: WALL
EXIT LIGHT: CEILING
(ARROW INDICATES DIRECTION)

SAFETY DISCONNECT

DROP CORD RECEPT

ABOVE-CLIGMOUNT J-BOX

TV OUTLET-LOORMOUNT TELEPHONE FLOOR OUTLET
DATA FLOOR OUTLET
PHONE/DATA COMBO FLOOR OUTLET
INTERMEDIATE DISTRIBUTION FRAME INTERMEDIATE DISTRIBUTION
MAIN DISTRIBUTION FRAME
AP ACCESS POINT

MISCELL ANEOUS

MOTOR
THERMOSTAT
CIRCUIT BREAKER

FUSIBLE SWITCH
GROUND
PHASE

SWITCHES

SVIITCHES

\$ PST

\$ DPST

\$ 3-WAY

\$ OLIMBER

TIMER SWITCH

\$ WIPLOT LIGHT

\$ WIPLOT LIGHT

\$ KEY OPERATED

\$ DUAL LEVEL SWITCH HIM

\$ OUAL LEVEL

LETTER ADJACENT INDICATES FIXTURE TYPE

CONDUIT/WIRE

- NEW

WINDERGROUND

WINDERGROUND

() HOTS & NEUT FHOWN)

() HOTS & NEUT FHOWN)

WINDERGROUND

WINDERGROUN

M PMC-6 100A PMC-3 3 JB1 PMC-2 SEE SITE PLAN. 5 5 5 4 RECEPTACLE CIRC

2

<u>-</u>

☐ REFERENCE NOTES

1

- 1. EXISTING METER / MAIN WITH DISTRIBUTION PANEL "PMC", 100A, 120/240V, 1Ø, 3W, NEMA 3R.
- 2. EXISTING LIGHTING CONTROLS INTEGRAL TO METER / MAIN TO BE REUSED.
- 3 EXISTING JUNCTION BOX JR1 AT GAZERO SEE SITE PLAN
- 4 EVICTING DECEDRACI E CONDUCTORS DUNING EDOM ILINCTION DOVI DA TO DUIC' TO BE DEMOVED.
- S. SIGTING LIGHTING BRANCH CIRCUIT COUNTIFICES TO BE BRIDGED AND REPLACED WITH NEW CONDUCTORS BING CONTINUOUSLY PROMODISCRIPTION PARKET, MAY FOT ON SEVEL UNITHING STATURES, ROUTE CONDUCTORS THROUGH EXISTING LIGHTING CONTROLS, EXISTING AND NEW CONDUCTS, SEE SITE PLAN FOR ADDITIONAL IMPORMATION.

SINGLE LINE DIAGRAM



SS/LM TR CJ XX AS NOTED 91385-10



EXPIRES: 06/30/23 THOMA #21-8059



AND ABBREVIATIONS LEGEND NOTES, GENERAL ELECTRICAL

EVITALIZATION

 $\overline{\mathbf{x}}$

PARK

ENG



DECEMBER 2021 E1 of

CHENG PARK REVITALIZATION

ELECTRICAL DETAILS

SS/LM TR

> CJ XX AS NOTED

DECEMBER 2021 91385-10

E2 of

EXISTING JUNCTION BOXES JB2 AND JB3

EXISTING TYPE A FIXTURE INFORMATION

4

NOT TO SCALE

CONDUIT FROM JB3 TO JB1, SEE DETAIL 1 ON THIS SHEET, PROVIDE 2-HOLE PIPE STRAPS EVERY 36" ON NEW CONDUIT, FIELD BEND CONDUIT AS REQUIRED, PAINT CONDUIT TO

REMOVE ALL EXISTING RECEPTACLE
AND LIGHTING BRANCH CIRCUITS
BACK TO METER / MAMD
DISTRIBUTION PAWEL PMC, EXISTING
OUTLET BOX TO REHAMA AND BE
REUSED FOR NEW CONDUCTOR
ROUTING, CONTRACTOR TO WELD
BLANK COVER FLATES OVER FRONT,
AND SIDES OF EXISTING OUTLET
BOX.



PROVIDE AND INSTALL NEW GALVANIZED RIGID STEEL CONDUIT FROM JB1 TO JB3, SEE DETAIL 3 ON THIS SHEET, PROVIDE 2-HOLE PIPE STRAPS EVERY 36' ON NEW CONDUIT, PAINT CONDUIT TO MATCH EXISTING GAZEBO.

EXISTING JUNCTION BOX JB3 TO REMAIN AND BE USED FOR NEW CONDUCTOR INSTALLATION.

EXISTING JUNCTION BOX JB1



EXISTING JUNCTION BOX JB2 AND ALL ASSOCIATED CONDUIT AND CONDUCTORS RUNNING FROM JB2 TO JUNCTION BOX JB3 TO BE REMOVED.

EXISTING JUNCTION BOXES JB2 AND JB3

(2) NOT TO SCALE

CHENG PARK REVITALIZATION

ELECTRICAL SITE PLAN

SS/LM

SS/LM

IN BY:

TR

CJ

OVED BY:

XX

E

AS NOTED

DECEMBER 2021

91385-10

E3 of

Mh. Spec

18

NEOUX
compliance with \$150.7 of new Juminoises being installed and any existing luminoires remaining or being moved within the spaces
cuteful in the Tobb below. For altered lighting systems using the failings flower method per \$151.00312, only new Iuminoires being installed and
a sour of the amount scape are included, in existing furnishing remaining invalidation glammaries being mental and are approximately a control the manner space are circulated, exciting furnishing remaining influenties being mental are unawarded area of included.

New.

Excluded per \$140.7(a) Luminaire Status⁹

. 0

Report Generated: 2021-12-10 08:50:49

Design Watts Cutoff Req. > 6,200 initial

106

S lumen output

\$130,2(b) * Fass Fall

NA: < 6200 | | |

NRCC-170-6 (Page 4 of 7) 12/10/2021 CHENG RARK REVITALIZATION Report Page: SANTA ROSA STREET Date Prepared

H. OUTDOOR LIGHTING CONTROLS inter permissing agreement agreement

01	.02	03	04	Reld Inspector		
Area Description	9hut-Off \$130.2(c)1	Auto-Schedule 5130.2(c)2	Motion Sensor \$130,2013			
and the same of the same	2220200	annual .	-	Pass	Fall	
OTHER ENTRANCE/EXIT	Photocontrol	Yes	NA: Wall >=24 ft	0		

Outdoor Lighting

MICCO	door Lighting					CALIFORNIA ENERGY COMMISSION
CERTIF	HEATE OF COMPLIANCE					MRCC-ETO-E
Projec	t Name:		CHENG PARK REVITALIZATIO	N Report Pa	ge:	(Page 1 of 7)
Projec	t Address:		SANTA ROSA STREE	T Date Prep	ared:	12/90/2021
01	NERAL INFORMATION Project Location (city)	SANIL	uts obisPo	04	Total Illuminated Hardscape Area (ft ²)	277
0.2	Climate Zone	5			notal marrindisco rigidacação acea (n.)	
03	Outdoor Lighting Zone per Title 34 Part	1 530.3	14 or as designated by Authority Ha		ction (AHJ)	Allers Carley Copyrights and
	LZ-0: Very Low - Undeveloped Parkland		LZ-2: Moderate - Rural Areas		L2-4: High - Must be reviewed by CA En	sergy Commission for Approval
	LZ-1: Low - Developed Parkland	8	LZ-3: Moderately High - Urban Area			

B. PROJECT SCOPE						
This table includes outdoor lighting systems that are within the scap §141.0(9)7), for alterations.	e of the permit application and are demonstrating con	repliance using the	е дтекстір	ove path o	utlined in	140.7 or
My Project Consists of:	111	200				
01		02				
☐ New Lighting System	Must Comply with Allowances from \$140.7					
III Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)? • Yes 🗓 No.					
03	04		05			
% of Existing Luminaires Being Altered ¹	Sum Total of Luminaires Being Added or Altered	stal of Luminaires Being Added or Altered Calculation Method				
□ <10% □ >=10% and <50% □ >=50%	Section of the sectio				-11111	
Please proceed to Table F. Outdoor Lighting Fixture Schedule to de	fine the project's luminaires.					_
FOOTNOTES: % of Existing Luminaires Being Altered + (Sum Total a		ires within the So	one of the	Fermit Ap	ofication)	r 100

Broom Generated 2021-12-10 08 50-81 CA Building Energy Efficiency Standards - 2019 Nonvesidential Compliance Report Version: 2019.1.003 Schema Version: nev 30200601

CALIFORNIA ENERGY COMMISSION NECC-LTD-E (Page 2 of 7) 12/10/2021 Outdoor Lighting NICC-270-E
CERTIFICATE OF COMPLIANCE
Project Name:
Project Address: CHENG FARK REVITALIZATION Report Page: SANTA ROSA STREET Date Prepared:

C. COMPLIAN	I BO	RESULTS													
				viculated from vidance or see					houg	th I. Note: if any	cell	on this table says "C	OM	LIES with Exception	nal Constitions" refer
THE REPORT		Calculations	of Tot	tal Allowed Ligh	Hing	Power (Watts)	\$14	0.7 or \$141.00	151	9.00			C	impliance Results	in a second
01		02	П	03		04		05	Г	06		07	Г	08	- 09
General Hardscape Allowance §140.7(d)1 (See Table I)		Per Application §140.7(d)2 (See Table I)		Sales Frontage 5140,7(d)2 (See Table 8)		Ornamental §140.7(d)2 (See Table L)		Per Specific Area \$140.7(d)2 (See Table M)	CR	Existing Power Allowance \$141,0(b)21. (See Table N)		Total Allowed (Watts)	5	Total Actual (Watts)	07 must be >= 08
375.43	٠	_	+	-		-	٠	-	OR.	-	٠	375.43	2.	108	COMPLIES
- 0		707	173		Cuto	off Compliance	(See	Table G for De	taihi		_				N/O
				C	ontro	ols Compliance	(See	Table H for De	taih)						COMPLIE

_	Construit Configuration (Art February Configuration)	SUMM E
-		
D,	EXCEPTIONAL CONDITIONS	
Thi	is table is auto-filled with uneulitable comments because of selections made or data entered in tables throughout the form.	
=		
€. /	ADDITIONAL REMARKS	

Registration Provider: Energysoft Registration Number: Registration Provider: Energyselt Report Version: 2019:1.003 Schema Version: rev 20200601 Report Generated: 2021-12-10-08:50:49 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Generated 2021-12-10:08:50:49







CHENG PARK REVITALIZATION

CALIFORNIA TITLE 24 OUTDOOR COMPLIANCE FORMS



SS/LM TR CJ XX AS NOTED DECEMBER 2021 91385-10

E4 of

CERTIFICATE OF COMPLIANCE	
Project Name:	CHENG PARK REVITALL
Project Address:	SANTA ROSA
DOCUMENTATION AUTHOR'S DECLAR	ATION STATEMENT
I certify that this Certificate of Compli	ance documentation is accurate and co
Documentation Author Name: William Thoma	
Company Thoma Electric, Inc	
Aldress: 3852 Empleo, Suite C	
Chyfronilly: San Luis Obispo CA 93401	
 The energy features and performance of of This 2A, Part 3 and Part 5 of the Collection A. The facilities design features or explained plans and specifications submitted to the 5. I will show that a completed speed on impediates. I understand that a complete properties of the complete of the complete hospitalities. 	r the lows of the State of Culturnia ate of Compliance is true and cornect, ness and Professions Code to accept responsibility for or Realisms, implesses, composents, and manufacture
William Thoma	
Company Thoma Electric, Inc.	
Address: 3562 Empleo Street	
Cts/fixes/Es: San Luis Obispo CA 93401	

Registration Number:

CA Building Energy Efficiency Standards - 2019 Nonvesidential Compilance

CHENG RANK REVITALIZATION Report Page: SANTA ROSA STREET Date Prepared:

Registration Date/Time:

Report Version: 2019.1.003 Schema Version: rev 20200601

EA/ HEM. Contribution blandfultion (if applicable 1875.7

Outdoor Lighting

NRCC-LTO-E (Page 7 of 7)

Registration Provider: Energysoft

Report Generated: 2021-12-10 08:50:49

NECCATOR
CERTIFICATE OF COMPLIANCE
Project Name:
Project Address: NRCC-LTO-E (Page 5 of 7) 13/30/2021 CHENG PARK REVITALIZATION Report Page: SANTA KOSA STREET Date Prepared:

IL LIGHTING POWER ALLOWANCE (per §140.7) LOGRYTHOF OWER ALLOWANCE (per \$180.2.)

To take includes reason applications of \$180.2. General risordicage
Allowance is per \$186.4.0.2.4 with "Use or larse" if Allowances are per \$186.4.50.2.5 to the College of \$180.50.0.5 to the College of \$180 Calculated General Hamburge Lighting Flower Allowance per Table 140.7.4 (12.0, 1.6.4)
This section does not apply to this project.
Calculated General Hamburger Lighting Flower Allowance per Table 140.7.4 (12.7.6.1)

02.
03.
04.

03 04 05 06
Area Wattage Allowance (AWA) Area Description

I. LIGHTING ALLOWANCE: PER APPLICATION K. LIGHTING ALLOWANCE: SALES FRONTAGE This section does not apply to this project. IL LIGHTING ALLOWANCE: ORNAMENTAL M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

Registration Number: Registration Date/Time: Registration Provider: Energysoft CA Building Energy Efficiency Standards - 2015 Nonresidential Compliance Report Generated: 2021-12-10 08:50:49

Outdoor Lighting

NICC.CTD.E

CERTIFICATE OF COMPLIANCE

Project Name:

Project Address: (Page 6 of 7) 12/10/2021

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) This section does not apply to this project. O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION D. USLANDATURE OF REQUINED CERTIFICATIS OF ROSTALATION

Electrosis have been divide been of implementary provided in his document, if any selection have been changed by permit applicant, on explications have been changed by permit applicant, on explications and can be found entired. These documents must be provided to the haliding impactor device grantsrations and can be found entire at MINIS //www.emergia.ga.pointbox/0201/annotivest/2019, compliance, documents/foliorosteroids/CDCouments/MINIS/

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P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE Selections have been made board on information provided in this document. If any selection have been changed by permit applicant, on explanation boald be included in Table II.
Additional Remarks. These documents must be provided to the halding impactor devine construction and must be completed through an Acceptance Test Technism Certification
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Registration Provider: Energyselt CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: 2019 1.003 Schema Version: rev 20200601 Report Generated: 2021-12-10-08:50:49







AS NOTED DECEMBER 2021 91385-10

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