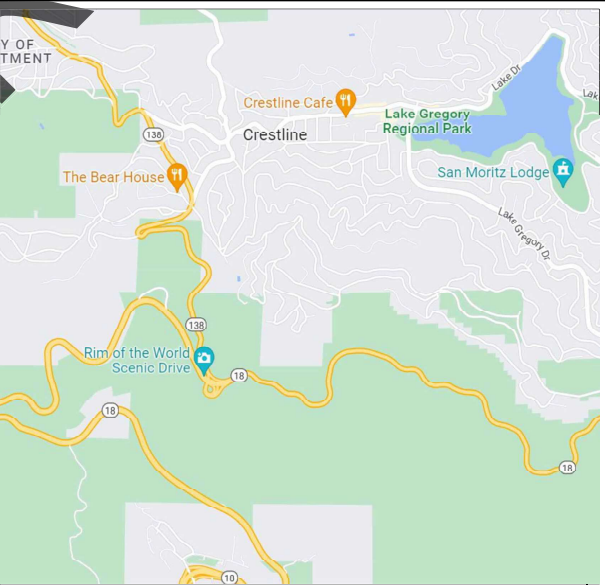


SAN BERNARDINO COUNTY  
LAKE GREGORY REGIONAL PARK  
SAN MORITZ - PREFAB RESTROOM

PROJECT # 10.10.1398  
24746 SAN MORITZ WAY  
CRESTLINE, CA 92335

1. GENERAL CONTRACTOR SHALL PROVIDE SECURITY/TEMPORARY FENCING FOR DURATION OF THE PROJECT AS REQUIRED AT NO ADDITIONAL COST TO OWNER.
2. GENERAL CONTRACTOR SHALL PROVIDE AND PAY FOR ANY REQUIRED SURVEY WORK BY A LICENSED CALIFORNIA SURVEYOR.
3. PREFABRICATED RESTROOM BUILDING, CONTRACTOR SHALL PERFORM THE FOLLOWING FOR BOTH SITES:
- PREPARE THE SITE / BUILDING PAD TO ACCEPT THE BUILDING PER CIVIL DRAWING.
  - COORDINATE WITH OWNER & MANUFACTURER FOR ACCEPTANCE OF BUILDING, INCLUDING OFF-LOADING & BUILDING PLACEMENT.
  - PROVIDE ALL UTILITY CONNECTIONS AS REQUIRED (WATER, SEWER & ELECTRICAL) PER REFERENCE DRAWINGS.
4. THE GENERAL BUILDING CONTRACTOR SHALL SUBMIT TO THE COUNTY OF SAN BERNARDINO DEPARTMENT OF BUILDING AND SAFETY THE FOLLOWING DOCUMENTS FOR REVIEW AND APPROVAL PRIOR TO OBTAINING BUILDING PERMIT:
- A. DEFERRED SUBMITTAL / SEPARATE PERMITS
- THE FOLLOWING ARE UNDER DEFERRED SUBMITTAL/SEPARATE PERMITS (TO BE OBTAINED BY THE GENERAL CONTRACTOR):
1. PREFABRICATED RESTROOM BUILDING
- SUBMITTAL DOCUMENTS (PLANS & CALCULATIONS) FOR DEFERRED ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE STRUCTURE. THE DEFERRED ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
5. THERE ARE NO AS BUILT PLANS FOR UNDERGROUND UTILITIES AND IRRIGATION AVAILABLE, CONTRACTOR SHALL TAKE SPECIAL CARE TO LOCATE ALL UNDERGROUND UTILITIES AND IRRIGATION LINES TO AVOID DAMAGE PRIOR TO EXCAVATION. CONTRACTOR SHALL REPAIR, RELOCATE, AND OR RE-ROUTE ANY UTILITIES AND OR IRRIGATION LINES FOUND TO BE IN CONFLICT WITH THE NEW CONSTRUCTION AT NO ADDED COST TO OWNER TO PROVIDE A FULLY FUNCTIONAL SYSTEM.
6. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ENCROACHMENT PERMIT(S) FOR ALL WORK THAT OCCURS IN THE PUBLIC RIGHT OF WAY. GC SHALL PAY PERMIT FEES AND PROVIDE ALL REQUIRED DOCUMENTS INCLUDING A TRAFFIC CONTROL PLAN ETC. AS REQUIRED BY COUNTY TRANSPORTATION.



VICINITY MAP

ASSESSOR'S PARCEL NUMBERS: 033-7202-07

**LIST OF APPLICABLE CODES**

ALL WORK SHALL COMPLY WITH CURRENTLY ADOPTED:

2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.G.C.  
(2021 INTERNATIONAL BUILDING CODE)

2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.G.C.  
(2021 NATIONAL ELECTRICAL CODE)

2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.G.C.  
(2021 UNIFORM MECHANICAL CODE)

2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.G.C.  
(2021 UNIFORM PLUMBING CODE)

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

2022 CALIFORNIA ENERGY CODE

AMERICANS WITH DISABILITIES ACT 1990 WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND 2010 REVISIONS TO TITLE II

SHEET INDEX

- TJ - TITLE SHEET
- CIVIL**
- C1 - PRECISE GRADING PLAN  
C2 - UTILITY PLAN  
C3 - DETAILS AND NOTES  
C4 - EROSION CONTROL
- ARCHITECTURAL**
- A0 - UTILITY PLAN - SCE  
A1 - SITE PLANS AND SITE DETAILS  
A2.0 - PREFABRICATED RESTROOM BUILDING  
A2.1 - PREFABRICATED RESTROOM BUILDING
- ELECTRICAL**
- E0.1 - ELECTRICAL LEGENDS AND NOTES  
E0.2 - SINGLE LINE DIAGRAM  
E1 - ELECTRICAL SITE PLAN  
E3 - ELECTRICAL DETAILS

RESTROOM BUILDING

- PROVIDE A PREFABRICATED ACCESSIBLE RESTROOM WITH AN ACCESSIBLE CONCRETE WALKWAY AROUND BUILDING.

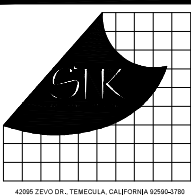
DESCRIPTION OF WORK / SCOPE

**OWNER**  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES DEPARTMENT  
PROJECT DEVELOPMENT DIVISION  
GLORIA LOOFBOURROW, PROJECT MANAGER  
385 N. ARROWHEAD AVE., THIRD FLOOR  
SAN BERNARDINO, CA 92415  
PHONE: (909) 387-5000

**ARCHITECTURAL**  
STK ARCHITECTURE, INC.  
TONY FINALDI, ARCHITECT  
42095 ZEVO DR., SUITE A15  
TEMECULA, CA 92590  
PHONE: (951) 296-9100  
FAX: (951) 296-6079

**CIVIL ENGINEER**  
ERSC INC.  
MATT BRIDIN  
1861 W. REDLANDS BLVD.  
REDLANDS, CA 92373  
PHONE: (909) 890-1255

**ELECT./PLUMBING ENGINEER**  
DESIGN WEST ENGINEERING  
ADRAIN JACQUEZ  
1845 BUSINESS CENTER DR., SUITE 215  
SAN BERNARDINO, CA 92408  
PHONE: (909) 890-3700  
FAX: (909) 890-3770



42095 ZEVO DR., TEMECULA, CALIFORNIA 92590-2780  
Phone: 951-296-9110 Fax: 951-296-6079 Email: stk@stkinc.com

CONSULTANT:

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:

LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10.10.1398

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

ISSUE INFORMATION:

DATE:	INFORMATION:
10-02-2023	50% CD.
10-17-23	D.D. PROGRESS
12-08-23	CDs
12-18-23	CDs
09-23-24	BD

SHEET INFORMATION:

STK: PROJECT NO. 874-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE:  
DRAWING NAME:

SEAL:



SHEET TITLE:

TITLE SHEET

SHEET NO.:

T1.1

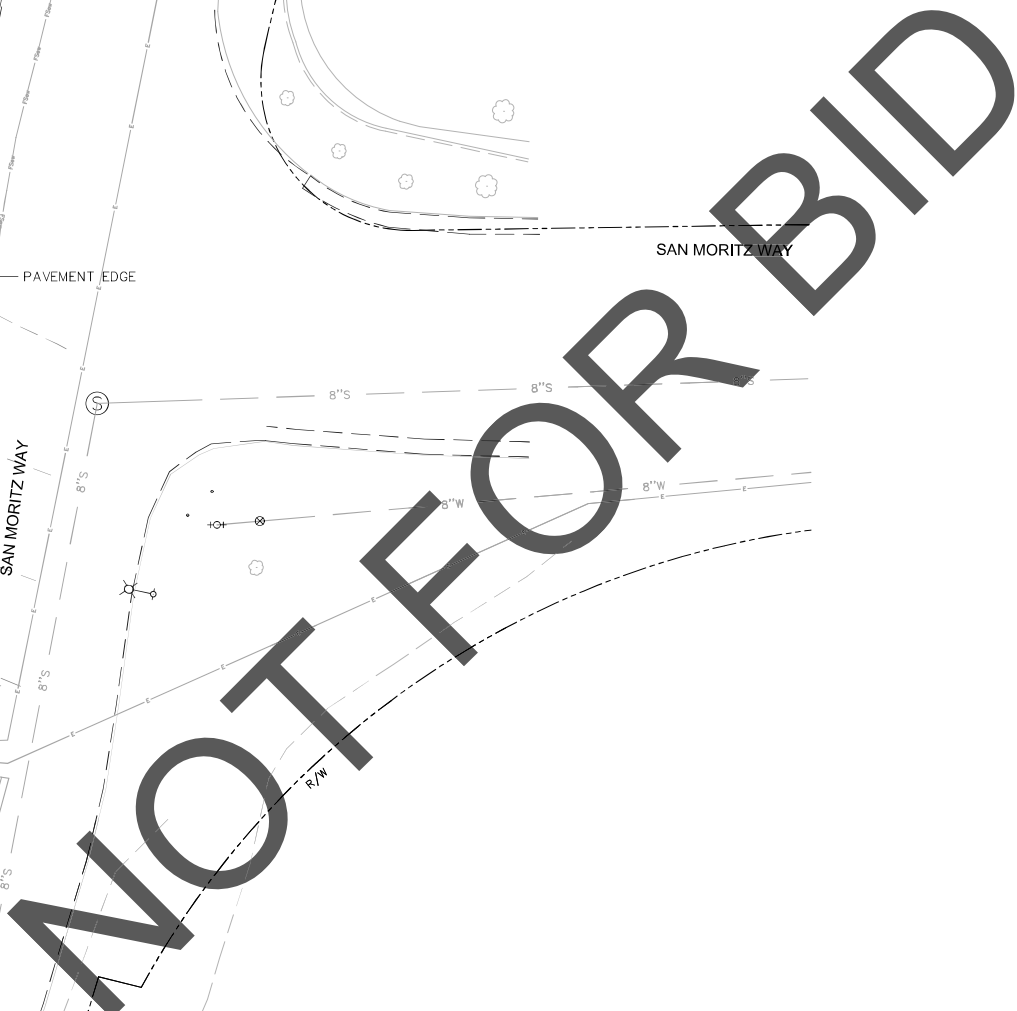
NOTES TO GENERAL CONTRACTOR

LOCATION MAP

N.T.S.

CODE ANALYSIS

PROJECT TEAM



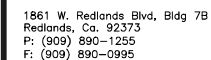
① CONSTRUCT 4" P.C.C SIDEWALK. CONCRETE SHALL BE 520-C-2500 ON COMPACTED SUBGRADE (MIN 12") TO 90% RELATIVE COMPACTION

1. REMOVE ALL ROOTS AND OTHER ORGANIC MATTER SHALL BE REMOVED FROM THE PROJECT LIMIT PRIOR TO INITIATING ANY SITE GRADING.
2. SITE GRADING INCLUDING OVER EXCAVATION, PREPARATION OF SUBGRADE, AND SITE GRADING SHALL BE ACCORDING TO THE RECOMMENDATIONS IN THE GEOTECHNICAL INVESTIGATION PREPARED BY INLAND FOUNDATION ENGINEERING DATED SEPTEMBER 28, 2023, PROJECT NO. 188.
3. ENCROACHMENT PERMITS NECESSARY FOR CONSTRUCTION OF THE RESTROOM STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, CONTROL AND OTHER REQUIRED PLANS AND CALCULATIONS, FROM THE COUNTY OF SAN BERNARDINO, PUBLIC WORKS, TRANSPORTATION DEPARTMENT. TRANSPORTATION DEPARTMENT REPRESENTATIVES CAN BE CONTACTED AT (909) 387-7910.

420.9 SF

# LEGEND

—	CENTERLINE
---	PROPERTY LINE
----	RIGHT OF WAY
○	GUARD POST
⊙	SEWER MANHOLE
⊕	STORM DRAIN MANHOLE
⊖	POWER POLE
⌒	GUY WIRE
—	ROAD OR TRAIL
— 8" —	EX WATER
—	PROP WATER
⊕	FIRE HYDRANT
□	UTILITY BOX
⊖	AIR VALVE
⊕	WATER METER
⊕	WATER VALVE
⊕	IRRIGATION VALVE
— □ —	FENCE LINE
— — — — —	WALL LINE
—	SIGN
AC	ASPHALT
CONC.	CONCRETE
CATV	CABLE TV
SCE	EDISON PULL BOX
TR	TRAFFIC
GAS	GAS VALVE
⌒	SIGNAL POLE
⊕	STREET LIGHT
⊕	TREE
— — — — —	EDGE OF PAVEMENT
⊕	CONCRETE SURFACE
— 8" —	EX 8" SEWER
—	PROP SEWER
○	SEWER CLEAN OUT
— Flow —	SEWER FORCE MAIN
— E —	EDISON ELECTRIC
— FO —	SPECTRUM



385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

SHEET INFORMATION:

STK PROJECT NO.: 374-178-23

SCALE: AS NOTED

DATE: DECEMBER 2023

PLOT DATE: -

DRAWING NAME:



SHEET NO.:

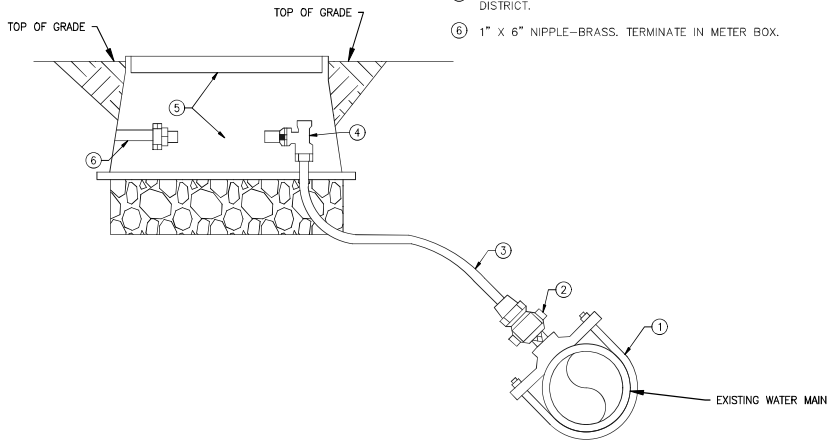
## C1.1





**Material List:**

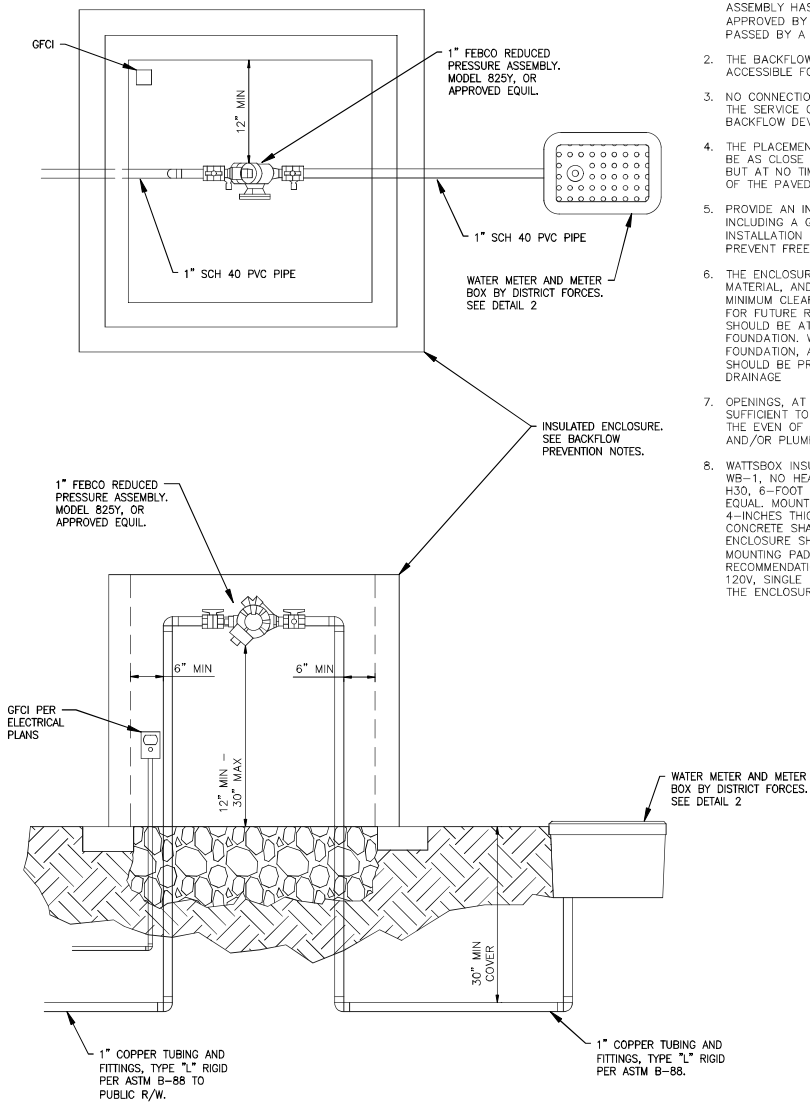
- 1" BRONZE DOUBLE STRAP SADDLE. 1"IP TAP, MULLER BR2B SERIES, OR APPROVED EQUAL.
- 1" MUELLER IPS CORP STOP H-15029N COMPRESSION CONNECTION, OR APPROVED EQUAL.
- 1" IPS POLY TUBE PIPE, OR APPROVED EQUAL.
- 1" IPS MUELLER 110 COMPRESSION ANGLE METER STOP, H-14259 W/ SWIVEL NUT, OR APPROVED EQUAL.
- METER AND METER BOX SUPPLIED AND INSTALLED BY CRESTLINE VILLAGE WATER DISTRICT.
- 1" x 6" NIPPLE-BRASS. TERMINATE IN METER BOX.



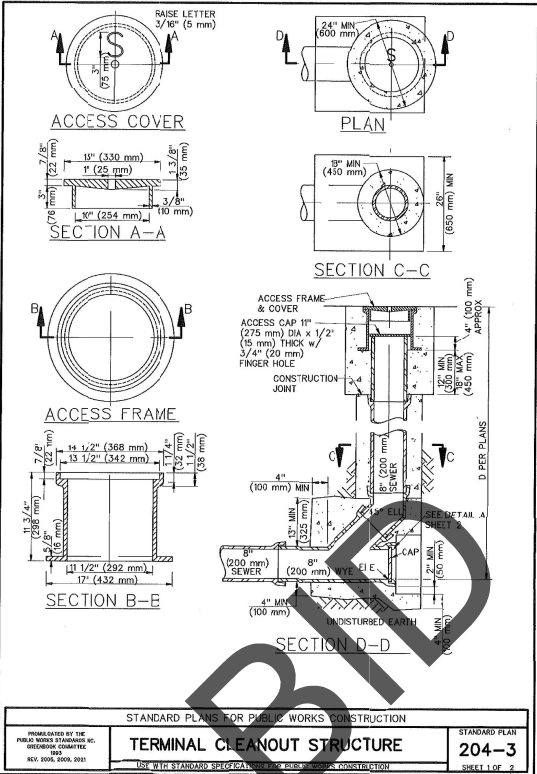
DETAIL 2: WATER METER AND METER BOX  
NTS

**BACKFLOW PREVENTION NOTES**

- UPON INITIAL INSTALLATION THE METER WILL BE LOCKED OFF UNTIL BACKFLOW PREVENTION ASSEMBLY HAS (1) BEEN INSPECTED AND APPROVED BY CVWD, (2) TESTED AND PASSED BY A TESTER APPROVED BY CVWD.
- THE BACKFLOW PREVENTION DEVICES MUST BE ACCESSIBLE FOR TESTING
- NO CONNECTIONS WILL BE ALLOWED BETWEEN THE SERVICE CONNECTION AND THE BACKFLOW DEVICE
- THE PLACEMENT OF THE ENCLOSURE SHALL BE AS CLOSE TO THE METER AS POSSIBLE BUT AT NO TIME CAN IT BE WITHIN 10 FEET OF THE PAVED ROADWAY
- PROVIDE AN INSULATED ENCLOSURE INCLUDING A GFCI (USED FOR THE INSTALLATION AND USE OF HEAT-TAPE, TO PREVENT FREEZING)
- THE ENCLOSURE CAN VARY IN STYLE, MATERIAL, AND SIZE PROVIDED THAT THE MINIMUM CLEARANCES (AS SHOWN) ARE MET FOR FUTURE REPAIRING AND TESTING. IT SHOULD BE ATTACHED TO A FIRM FOUNDATION. WITHIN THE CONFINES OF THE FOUNDATION, A SUMP FILLED 3/4" ROCK SHOULD BE PROVIDED TO ALLOW FOR DRAINAGE
- OPENINGS, AT BASE OF STRUCTURE, SUFFICIENT TO ALLOW WATER TO ESCAPE IN THE EVENT OF ANY FAILURE OF THE DEVICE AND/OR PLUMBING, ARE REQUIRED
- WATTSBOX INSULATED ENCLOSURE, MODEL WB-1, NO HEATER, AND FERGUSON MODEL H30, 6-FOOT HEAT CABLE, OR APPROVED EQUAL. MOUNTING PAD SHALL BE 36"x22" BY 4-INCHES THICK CONCRETE PLACED LEVEL. CONCRETE SHALL BE 520-C-2500. ENCLOSURE SHALL BE MOUNTED ON MOUNTING PAD PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO PROVIDE 120V, SINGLE PHASE GFCI CONNECTION WITHIN THE ENCLOSURE.



DETAIL 3: BACKFLOW PREVENTION  
NTS



**TERMINAL CLEANOUT STRUCTURE**

204-3

**SPECIFICATIONS - CRESTLINE SANITATION DISTRICT**

**MATERIALS:** SEWER LINES MAY BE CONSTRUCTED WITH ANY OF THE FOLLOWING MATERIALS AS LISTED IN OLD STANDARDS FOR SANITARY SEWERS:

EXTRA STRENGTH CLAY SEWER PIPE WITH FLEXIBLE COMPRESSION JOINTS OR MOLDED RUBBER COVERING CAST IRON PIPE WITH APPROVED FLEXIBLE COMPRESSION JOINTS.

PLASTIC PIPE: ABS DWV SCHEDULE 40 ASTM F628 PVC SEWER PIPE, SDR 26 AND 35, COMPLYING WITH ASTM STANDARDS 3034

**INSTALLATION:** ALL PIPING SHALL BE LAID ON A FIRM BED ITS ENTIRE LENGTH. ON PRIVATE PROPERTY, NONMETALLIC PIPE SHALL BE BURIED NOT LESS THAN TWELVE (12) INCHES BELOW FINISHED GRADE. IN ANY SAN BERNARDINO COUNTY ROAD RIGHT OF WAY, MINIMUM COVERAGE IS THIRTY (30) INCHES. CONNECTIONS BETWEEN DIFFERENT MATERIALS MUST BE MADE WITH APPROVED ADAPTERS. PIPING SHALL BE RUN IN A PRACTICAL ALIGNMENT AND A SLOPE OF NOT LESS THAN ONE QUARTER (1/4) OF AN INCH PER FOOT SHALL BE MAINTAINED THROUGHOUT THE ENTIRE RUN. WITH THE EXCEPTION, ONE EIGHTH (1/8) OF AN INCH PER FOOT IF PIPE IS FOUR (4) INCHES OR LARGER IN DIAMETER WHERE IT IS IMPRACTICAL DUE TO THE DEPTH OF THE STREET SEWER, TO THE STRUCTURAL FEATURES, OR TO THE ARRANGEMENT OF A BUILDING OR STRUCTURE.

**CLEANOUTS:** A CLEANOUT FITTING (PREFERABLE A TWO-WAY TEE) MUST BE PROVIDED AT THE UPPER AND LOWER TERMINAL OF ALL BUILDING SEWERS. CLEANOUTS MUST BE BROUGHT TO FINISHED GRADE WITH CAST IRON TWELVE (12) INCH MINIMUM SECTION OR MADE ACCESSIBLE BY ACCEPTABLE YARD BOXES. WHEN INSTALLING YARD BOXES A 1/2" X 18" PIECE OF REBAR INSTALLED HORIZONTALLY WILL BE BURIED SIX (6) INCHES DEEP BELOW THE YARD BOX. THIS MARKER WILL ACT AS A TARGET FOR MAGNETIC LOCATIONS. ADDITIONAL CLEANOUTS SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED ONE HUNDRED (100) FEET IN STRAIGHT RUNS, AND FOR EACH AGGREGATE CHANGE IN DIRECTION EXCEEDING ONE HUNDRED AND THIRTY FIVE (135) DEGREES. THE DISTRICT MAY DEEM IT NECESSARY TO INSTALL CLEANOUTS AT SHORTER INTERVALS. CLEANOUTS INSTALLED IN ROADWAYS, IN CONCRETE OR ASPHALT PAVED AREAS SHALL BE MADE ACCESSIBLE BY TRAFFIC GRADE YARD BOXES.

NOTE: AN ACCESSIBLE CLEAN OUT INSIDE THE BUILDUP CAN TAKE THE PLACE OF AN OUTSIDE CLEANOUT. IF CLEANOUT IS OUTSIDE THE BUILDUP IT SHALL BE LOCATED WITHIN TWO (2) FEET OF FOUNDATION AND PLACED IN A YARD BOX.

\*THE CLEANOUT OR "TEST TEE" AT THE PROPERTY LINE, AT MINIMUM IS TO BE BROUGHT TO WITHIN ONE FOOT OF FINISHED GRADE. A YARD BOX IS NOT REQUIRED, BUT RECOMMENDED. A REBAR MARKER IS REQUIRED CONSISTING OF 1/2" X 18" STEEL REBAR WHICH IS BURIED HORIZONTALLY SIX (6) INCHES BELOW THE FINISHED GROUND SURFACE.

**TESTING & INSPECTION:** A CLEANOUT (PREFERABLY TWO-WAY TEE) SHALL BE INSTALLED AT THE POINT THE BUILDING SEWER EXITS THE

STRUCTURE AND AT THE POINT THE BUILDING SEWER CROSSES THE PROPERTY LINE. A LENGTH OF 1/2" X 18" STEEL REBAR SHALL BE BURIED HORIZONTALLY, SIX INCHES BELOW GROUND SURFACE AT THE CLEANOUT ON THE PROPERTY LINE. THE PERSON CONSTRUCTING THE SEWER SHALL FURNISH THE LABOR AND MATERIALS FOR TESTING. ALL LINES SHOWING LEAKAGE, POOR WORKMANSHIP NOT IN CONFORMANCE WITH ALL APPLICABLE CODES AND DISTRICT STANDARDS FOR SANITARY SEWERS SHALL BE REPAIRED, REWORKED, OR REPLACED AT THE EXPENSE OF THE APPLICANT OR PERSON DOING THE WORK.

THE FIRST THREE (3) INSPECTIONS BY THE DISTRICT INSPECTOR ARE COVERED BY THE BASIC INSPECTION FEE PAID AT THE TIME A CONNECTION PERMIT IS ISSUED. WHEN THE INSTALLATION IS FOUND TO CONFORM WITH ALL DISTRICT STANDARDS APPLICABLE, A WHITE TAG WILL BE GIVEN TO THE PERMITTED (IF NO ONE IS AVAILABLE TO RECEIVE THE WHITE TAG IT WILL BE LEFT ON THE JOB SITE). DO NOT CONCEAL ANY WORK UNTIL THE JOB HAS BEEN INSPECTED AND APPROVED. A CORRECTION NOTICE WILL BE LEFT IF THE JOB IS UNFINISHED OR UNSATISFACTORY.

**PROTECTION FOR STEEP SLOPES (EROSION CONTROL):** IN CASES WHERE THE GRADE OVER THE PIPELINE EQUALS OR EXCEEDS TWENTY-FIVE (25) PERCENT SLOPE, THE OWNER/CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES TO STABILIZE THE BACKFILL MATERIAL. SEE STANDARD DRAWINGS E-16, E-18.

**EXCAVATION:** NO SEWER EXCAVATION SHALL BE LEFT UNATTENDED AT ANY TIME UNLESS THE PERMITTED HAS PROVIDED SUITABLE AND ADEQUATE BARRICADE MEASURES TO INSURE PUBLIC SAFETY. TRENCH SHORING OR SLOPING MUST COMPLY WITH CURRENT CAL OSHA STANDARDS.

**CONDEMNED WORK:** WHEN ANY WORK SUBJECT TO A PERMIT HAS BEEN INSPECTED AND THE WORK DISAPPROVED OR CONDEMNED, A WRITTEN NOTICE (CORRECTION NOTICE) TO THAT EFFECT WILL BE GIVEN TO THE APPLICANT, INSTRUCTING OWNER/CONTRACTOR TO REPAIR OR REMEDY SUCH WORK IN ACCORDANCE WITH THE APPLICABLE DISTRICT RULES, REGULATIONS, OR STANDARDS. WHEN ANY WORK IS DISAPPROVED OR CONDEMNED, A RE-INSPECTION FEE SHALL BE APPLICABLE, FIFTY-FIVE (\$55.00) DOLLARS PER VISIT (AFTER THREE PRIOR INSPECTIONS [PER ITEM 11 PARAGRAPH 2]).

**CONTRACTOR NOTES - WATER**

- PRIOR TO INITIATING WORK ON OR ABOVE THE EXISTING WATER MAIN, THE CONTRACTOR SHALL MEET WITH REPRESENTATIVES OF THE CRESTLINE VILLAGE WATER DISTRICT ((909) 338-1727) TO DISCUSS THE WORK AND REVIEW THE CONTRACTOR'S MEANS AND METHODS. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE COUNTY OF SAN BERNARDINO ((909) 387-7910) TO ACQUIRE AN ENCROACHMENT PERMIT FOR THE WORK IN SAN MORITZ DRIVE.
- UNDER THE SUPERVISION OF CRESTLINE VILLAGE WATER DISTRICT REPRESENTATIVES, THE CONTRACTOR SHALL EXPOSE THE POINT OF CONNECTION ON THE EXISTING WATER MAIN, OBSERVE AND RECORD THE HORIZONTAL AND VERTICAL LOCATION OF THE MAIN, RECORD THE SIZE AND MATERIAL TYPE OF THE MAIN, AND REPORT THIS INFORMATION TO THE ENGINEER OF RECORD. THE CONTRACTOR SHALL ALLOW UP TO 10 WORKING DAYS FOR THE ENGINEER OF RECORD TO REVIEW THE FIELD DATA AND ADJUST THE DESIGN OF THE SERVICE CONNECTION AND SERVICE ALIGNMENT AS NECESSARY. THE CONTRACTOR SHALL NOT BE ALLOWED OR PROVIDED WITH ADDITIONAL FUNDS FOR THE 10 WORKING DAYS REVIEW PERIOD AND MINOR MODIFICATIONS TO THE DESIGN.
- UNDER THE SUPERVISION OF CRESTLINE VILLAGE WATER DISTRICT REPRESENTATIVES, THE CONTRACTOR SHALL INSTALL THE WATER SERVICE, INCLUDING EXCAVATION AND BACKFILL, BEDDING, ALL PIPE MATERIAL AND FITTINGS, AND REPAIRS TO EXISTING IMPROVEMENTS. INSTALLATION OF THE WATER SERVICE AND ASSOCIATED PIPING AND FITTINGS SHALL COMPLY WITH THE LAYOUT, DETAILS AND SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- INSTALLATION OF THE WATER METER AND METER BOX WILL BE THE RESPONSIBILITY OF THE CRESTLINE VILLAGE WATER DISTRICT. THE CONTRACTOR SHALL COORDINATE WITH THE CRESTLINE VILLAGE WATER DISTRICT AND ALLOW TIME OF THE INSTALLATION OF THE WATER METER AND METER BOX.
- THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL INSPECTIONS. CONTACT THE CRESTLINE VILLAGE WATER DISTRICT ((909) 338-1727) AND THE COUNTY OF SAN BERNARDINO ((909) 387-8311) 48 HOURS IN ADVANCE.

**CONTRACTOR NOTES - SEWER**

- PRIOR TO INITIATING WORK ON OR ABOVE THE EXISTING SEWER LINE, THE CONTRACTOR SHALL MEET WITH REPRESENTATIVES OF THE CRESTLINE SANITATION DISTRICT (DISTRICT) TO DISCUSS THE WORK AND REVIEW PROCEDURES FOR DISTRICT SUPPLIED WORK AND INSPECTION OF THE CONTRACTOR'S WORK. CONTACT CRESTLINE SANITATION DISTRICT AT (909) 338-1751. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE COUNTY OF SAN BERNARDINO ((909) 387-7910) TO ACQUIRE AN ENCROACHMENT PERMIT FOR THE WORK IN SAN MORITZ DRIVE.
- UNDER THE SUPERVISION OF DISTRICT REPRESENTATIVES, THE CONTRACTOR SHALL EXPOSE THE EXISTING POINT OF CONNECTION ON THE SEWER LINE, OBSERVE AND RECORD THE SIZE OF THE MAIN, THE PIPE MATERIAL AND THE HORIZONTAL AND VERTICAL LOCATION AND REPORT THIS INFORMATION TO THE ENGINEER OF RECORD. THE CONTRACTOR SHALL ALLOW UP TO 10 WORKING DAYS FOR ENGINEER OF RECORD TO REVIEW THE FIELD DATA AND ADJUST THE DESIGN, AS NECESSARY. THE CONTRACTOR SHALL NOT BE ALLOWED OR PROVIDED WITH ADDITIONAL FUNDS FOR THE 10 DAYS REVIEW PERIOD AND MINOR MODIFICATIONS TO THE DESIGN.
- IF IT IS DETERMINED THE PROPOSED CONNECTION POINT IS ACCEPTABLE, DISTRICT PERSONNEL WILL CONSTRUCT A NEW POINT OF CONNECTION USING A ROMAC "C" STYLE SEWER SADDLE. THE CONTRACTOR WILL THEN INSTALL THE REMAINING PORTION OF THE PROPOSED 4-INCH SEWER LATERAL AND CONSTRUCT A 4-INCH CLEAN OUTS AS REQUIRED BY THE APPROVED LATERAL ALIGNMENT.
- THE INSTALLATION PROCESS, INCLUDING EXCAVATION AND BACKFILL, BEDDING, AND ALL PIPE MATERIAL AND FITTINGS SHALL COMPLY WITH THE CRESTLINE SANITATION DISTRICT INFORMATION CONCERNING THE SANITARY SEWER SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL INSPECTIONS. CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

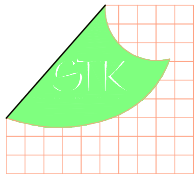
CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.

CONTACT THE CRESTLINE SANITATION DISTRICT 24 HOURS IN ADVANCE AT (909) 338-1751 FOR INSPECTION.



4208 ZEVIO DR., TEMECULA, CALIFORNIA 92592-1700  
Phone 951-263-3110 Fax 951-263-6078 Email [info@stkre.com](mailto:info@stkre.com)

CONSULTANT:



1861 W. Redlands Blvd, Bldg 7B  
Redlands, Ca. 92373  
P: (909) 890-1255  
F: (909) 890-0995

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:

LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10.10.1398

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

**ISSUE INFORMATION:**

DATE: INFORMATION:

10-02-2023 50% DESIGN DEVELOPMENT

12-18-23 CD's

01-23-24 BID

**SHEET INFORMATION:**

STK PROJECT NO.: 374-178-23

SCALE: AS NOTED

DATE: DECEMBER 2023

PLOT DATE: -

DRAWING NAME: -

SEAL:



SHEET TITLE:

DETAILS  
AND NOTES

SHEET NO.:

C1.3





#### EROSION CONTROL CONSTRUCTION NOTES

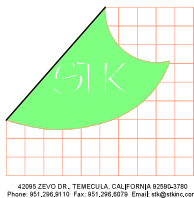
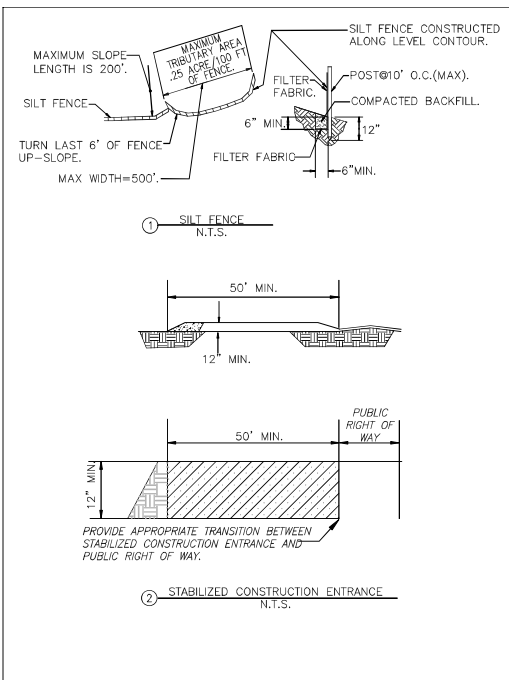
- |   |        |   |      |
|---|--------|---|------|
| 1. SILT FENCE (SC-1), SEE DETAIL 1 HEREON.  | 190 LF | 4. MATERIAL DELIVERY AND STORAGE (WM-01). | 1 EA |
| 2. STABILIZED CONSTRUCTION ENTRANCE/EXIT (TC-1) 1 EA WITH RUMBLE RACKS (10'X24' MIN.). SEE DETAIL 2 HEREON. | 1 EA   | 5. VEHICLE STORAGE.                       | 1 EA |
| 3. GRAVEL BAG BERM (SC-6).  | 45 EA  | 6. SOLID WASTE MANAGEMENT AREA (WM-05).   | 1 EA |

#### EROSION CONTROL NOTES

- IN CASE OF EMERGENCY, CALL ROBERT BURTON AT 909 387 5000
- POLLUTION AND EROSION PREVENTION MEASURES, ALSO KNOWN AS BEST MANAGEMENT PRACTICES (BMPs), MUST BE INSTALLED PRIOR TO GRADING. THESE MEASURES, INCLUDING THE PREVENTION OF SEDIMENTATION OR FLOOD DAMAGE, TO OFFSITE PROPERTY SHALL BE ADEQUATE WHETHER OR NOT AN EROSION CONTROL PERMIT IS REQUIRED.
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ONSITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- EROSION CONTROL DEVICES SHALL BE FUNCTIONING AT ALL TIMES. IN CASE OF FAILURE, RAPID CONSTRUCTION OF EMERGENCY DEVICES SHALL BE IMPLEMENTED.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MUST BE CONTAINED ON-SITE. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ONSITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO ENSURE ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY PER PLAN. PROPER PRECAUTION SHALL BE CONSIDERED WHEN 50% OR GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION, A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.
- TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY. ALL STORM WATER CAPTURE DEVICES SHALL BE PROTECTED AT ALL TIMES.

#### LEGEND

- |     |                                      |
|-----|--------------------------------------|
| --- | CENTERLINE                           |
| --- | PROPERTY LINE                        |
| --- | RIGHT OF WAY                         |
| ○   | GUARD POST                           |
| ○   | SEWER MANHOLE                        |
| ○   | STORM DRAIN MANHOLE                  |
| ○   | POWER POLE                           |
| ○   | GUY WIRE                             |
| --- | ROAD OR TRAIL                        |
| --- | EX WATER                             |
| --- | PROP WATER                           |
| ○   | FIRE HYDRANT                         |
| ○   | UTILITY BOX                          |
| ○   | AIR VALVE                            |
| ○   | WATER METER                          |
| ○   | WATER VALVE                          |
| ○   | IRRIGATION VALVE                     |
| --- | FENCE LINE                           |
| --- | WALL LINE                            |
| --- | SIGN                                 |
| --- | AC ASPHALT                           |
| --- | CONC. CONCRETE                       |
| --- | CITY CABLE TV                        |
| --- | SCE EDISON PULL BOX                  |
| --- | TR TRAFFIC                           |
| --- | GAS GAS VALVE                        |
| --- | SIGNAL SIGNAL POLE                   |
| --- | STREET STREET LIGHT                  |
| --- | TREE TREE                            |
| --- | EDGE OF PAVEMENT                     |
| --- | CONCRETE SURFACE                     |
| --- | EX 8" EX 8" SEWER                    |
| --- | PROP PROP SEWER                      |
| --- | SEWER SEWER CLEAN OUT                |
| --- | SEWER SEWER FORCE MAIN               |
| --- | EDISON EDISON ELECTRIC               |
| --- | SPECTRUM SPECTRUM                    |
| --- | GRAVEL BAGS                          |
| --- | SILT FENCE                           |
| --- | FLOW PATH                            |
| --- | STABILIZED CONSTRUCTION ENTRANCE     |
| --- | MATERIAL DELIVERY/STORAGE AREA       |
| --- | VEHICLE STORAGE AND MAINTENANCE AREA |
| --- | WASTE STORAGE AREA                   |



CONSULTANT:



1861 W. Redlands Blvd, Bldg 7B  
Redlands, Ca. 92373  
P: (909) 890-1255  
F: (909) 890-0995

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:  
LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10.10.1398

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

#### ISSUE INFORMATION:

DATE:	INFORMATION:
10-02-2023	50%-DESIGN DEVELOPMENT

DATE:	CD's
12-18-23	CD's
01-23-24	BID

#### SHEET INFORMATION:

STK PROJECT NO.: 374-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE: -  
DRAWING NAME: -

SEAL:

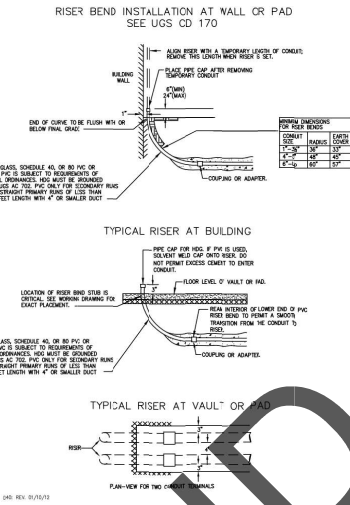
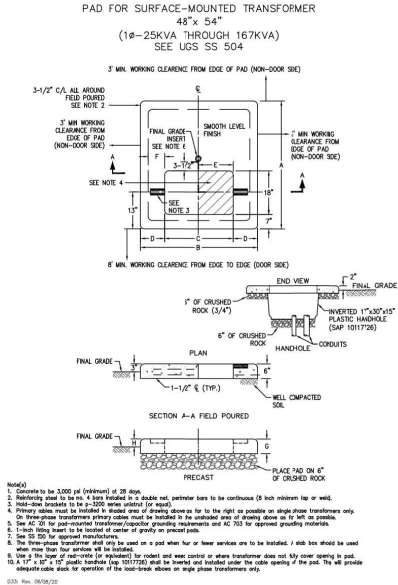
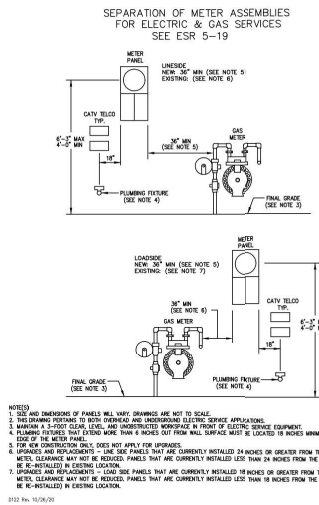
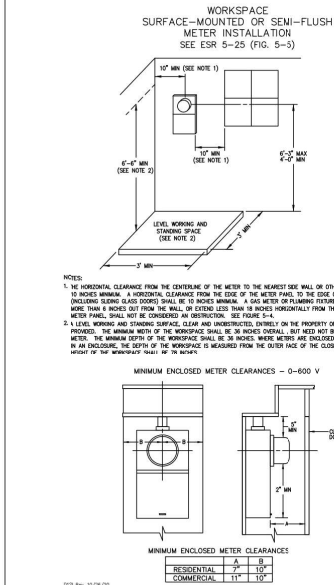
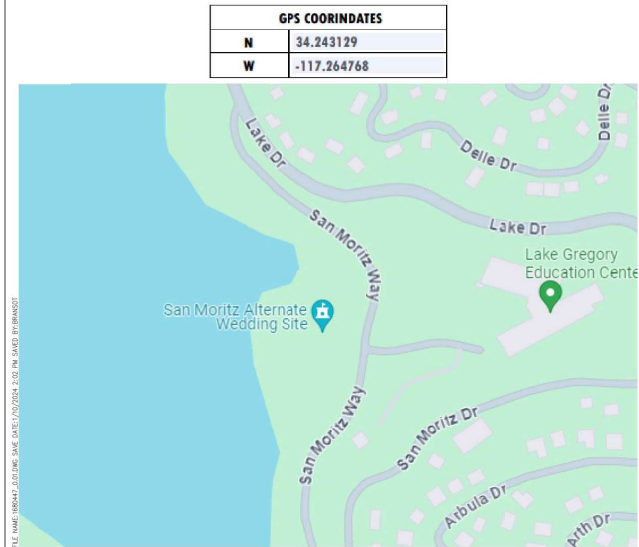


SHEET TITLE:

EROSION  
CONTROL

SHEET NO.:

C1.4



- CONNECTING TO EXISTING SCE STRUCTURES
- Per SCE requirements, customers are not allowed to enter, intercept or tie-in to existing SCE facilities, e.g. structures, equipment, multi-conduit runs/banks, or conductors. These facilities may be encased and the work only be performed by SCE. Contact the appropriate SCE inspector to schedule an appointment. Customers may connect to an existing conduit stub without a SCE inspector present.
  - Multi-conduit runs/banks are runs of conduit in close proximity to each other and other SCE facilities. A conduit stub is a single empty conduit stub that is not in close proximity to other SCE owned facilities. Refer to the work order map for details.
  - Per CPUC/SCE's Rule 15 B.1.A and Rule 16 B.1.A, the customer will provide all necessary excavations (with the exception of excavation under pads and primary splice boxes), material (including conduit and structures) and encasement, to be utilized in the intercept/tie-in process.
  - The customer must adhere to all applicable Cal-OSHA, local, city, state and federal regulations, (including, but not limited to, all necessary shoring and traffic control in place to perform the intercept/tie-in work by SCE's underground civil contractor(s)).
  - Intercept/tie-in work must be coordinated with SCE's civil contractors through the Division Inspector (P-Spec) to limit exposure of excavation(s). Customer is responsible for securing excavation(s).

PLEASE HAVE THE CONTRACTOR REACH OUT TO THE PLANNER LISTED BELOW TO MEET OUT ON SITE BEFORE ANY CONSTRUCTION BEGINS TO GO OVER THIS PROJECT.

SCE CONTACT:  
Garrett McCoy  
Garrett.McCoy@sce.com  
(626) 632-9285

UNDERGROUND SERVICE ALERT  
Contact USA  
Dial 811 or 800-422-4133  
www.digalert.org/contact  
For Underground Locating  
Two Working Days Before You Dig  
D16: Rev. 05/28/20

NOTE:  
ALL ELECTRICAL DUCTS AND STRUCTURES WILL CONFORM TO GENERAL ORDER #728 (RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRICAL SUPPLY AND COMMUNICATION PRESERVICES) BY THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA, JANUARY 2006.

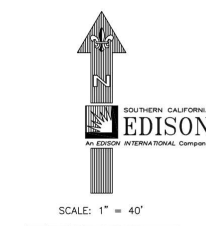
WHERE CONDUITS ARE PICKED UP OR INTERCEPTED, CONDUIT SHALL BE MANEUVERED AND PULL ROPE INSTALLED FROM TERMINAL TO TERMINAL.

TIE-IN MADE THROUGH BOTTOM OF STRUCTURE (Pad, Primary Splice Box)  
The customer is responsible to trench and bring the conduit to within the last riser bend of the structure being entered (do not undermine structure being entered). The customer is to provide coupling and bend.

WARNING  
THE EXCAVATOR MUST TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES WHICH MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES IN THE AREA. THE INDICATED LOCATIONS OF EXISTING UNDERGROUND FACILITIES, AS PROVIDED, ARE BELIEVED TO BE ACCURATE. HOWEVER, THE FINAL DETERMINATION OF EXACT LOCATIONS AND THE COST OF REPAIR TO DAMAGED FACILITIES IS THE RESPONSIBILITY OF THE EXCAVATOR.

CUSTOMER-OWNED CONDUIT MATERIAL\* AND CONCRETE ENCASEMENT ARE TO BE INSTALLED IN ACCORDANCE WITH EXISTING ELECTRICAL SERVICE REQUIREMENTS.  
\*SUBJECT TO APPROVAL BY LOCAL INSPECTION AUTHORITIES

CONCRETE PRODUCTS  
Precast concrete item complete with neck, cover and inserts may be obtained from any of the following listed and approved manufacturers:  
  
JENSEN PRECAST  
14221 San Bernardino Ave., Fontana, Calif. 92335  
Phone: (909) 350-4111  
(800) 257-6100  
  
OLDCASTLE PRECAST  
10650 Hemlock Ave., Fontana, Calif. 92337  
Phone: (909) 428-3700  
(800) 626-3860  
  
FOR HANDHOLE AND PULLBOX MANUFACTURERS, SEE UGS HP 200.  
D41: Rev. 01/21/09



Crew Notes:  
Civil crew to complete hot tie in to PME. Edison crew to install 3 - 3 way junction bars inside PMEX302. Remove the 3.200amp shutoff off of position 3 of PMEX302 and land them on position 1 of the junction bars. Install new cable from position 3 on PMEX302 to position 3 on junction bars. Run single phase cable from position 2 on junction bars to new padmount transformer. One of the positions on position 2 on the J-Bars will be safe ended.

DISTRICT 40 - ARROWHEAD	PROJ. MGR. MCCOY, GARRETT PHONE: 6266329285	PLANNER MCCOY, GARRETT PHONE: 6266329285	DESIGNER MCCOY, GARRETT
PROJECT NO. 27178400	SERVICE REQUEST 3603250	PRODUCT-1 2199155-NEW METER & SERVICE	ASSOC. DESIGN
CIRCUIT / VOLTAGE	GPS	PRODUCT-2	ASSOC. DESIGN
SUB / PG NO.	CIRCUIT CODE	PRODUCT-3	ASSOC. DESIGN
INVENTORY MAP	J.P.A. NO.	PROPOSED CONSTRUCTION (LOCATION)	
		24746 SAN MORITZ DR CRESTLINE CA 92325	
TYPE	DATE	APPROVED BY	CHECKED BY
		Southern California Edison Company	
		DESIGN/DRWG NO.	1680447_00.01

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92426

PROJECT NAME:  
LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10J0398

APN #1 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

ISSUE INFORMATION	
DATE	INFORMATION
10-02-2023	501-CD
10-17-23	D.D. PROGRESS
12-08-23	CDs
12-18-23	CDs
01-23-24	BD

SHEET INFORMATION:  
STK PROJECT NO. 674-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE:  
DRAWING NAME:  
SEAL:



SHEET TITLE:

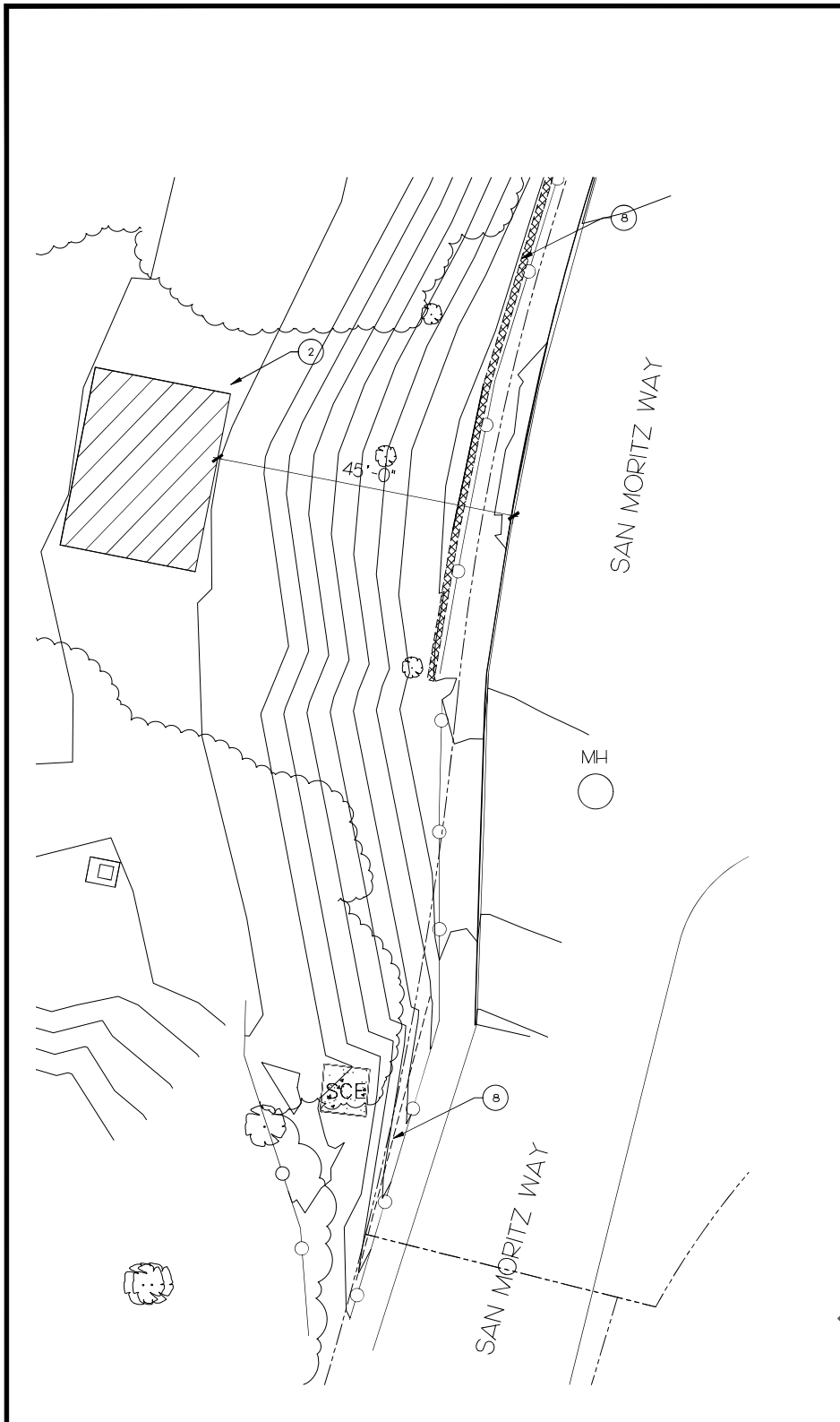
UTILITY PLAN  
SCE

SHEET NO.:

A0.1

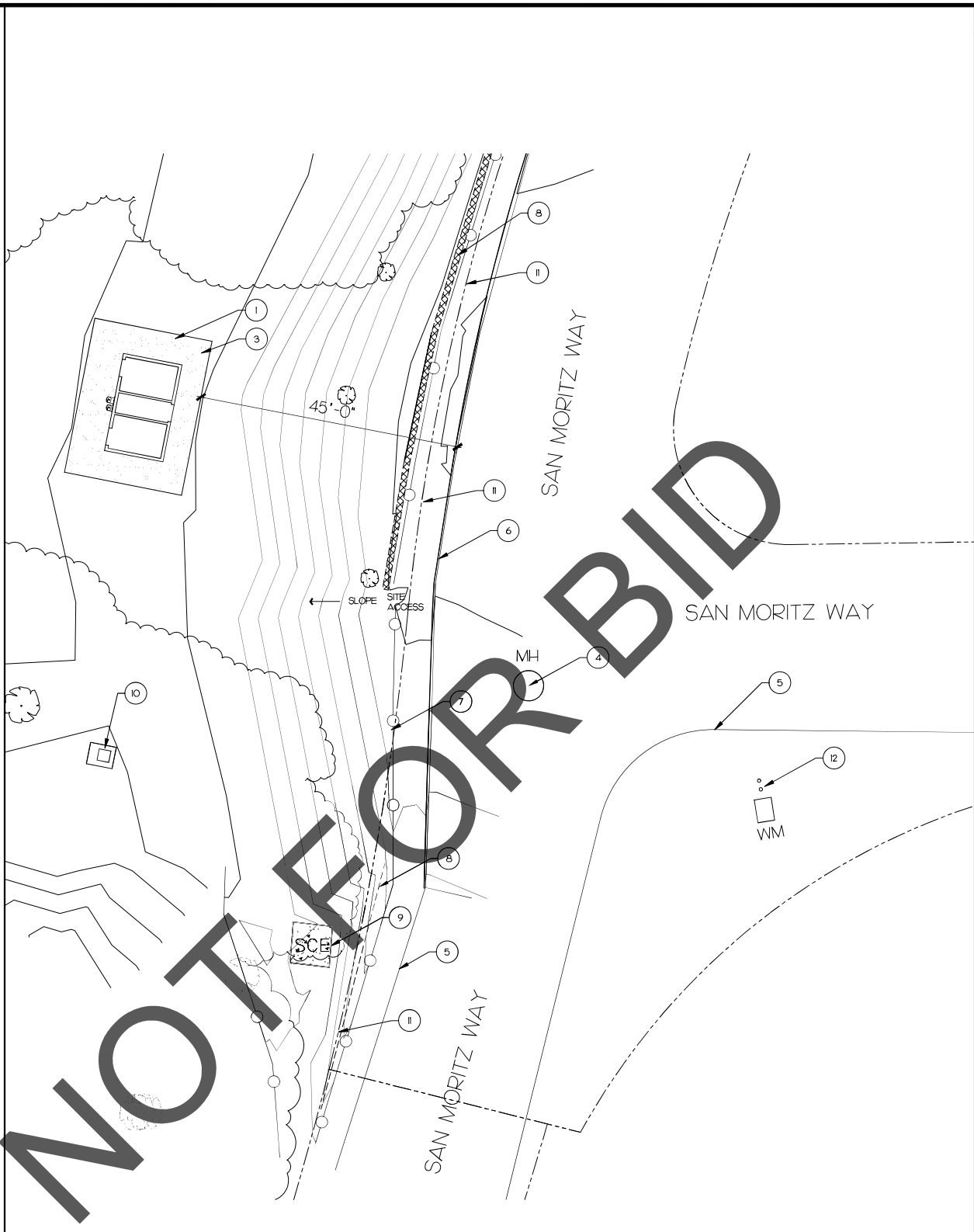
SCALE:  
NTS

4



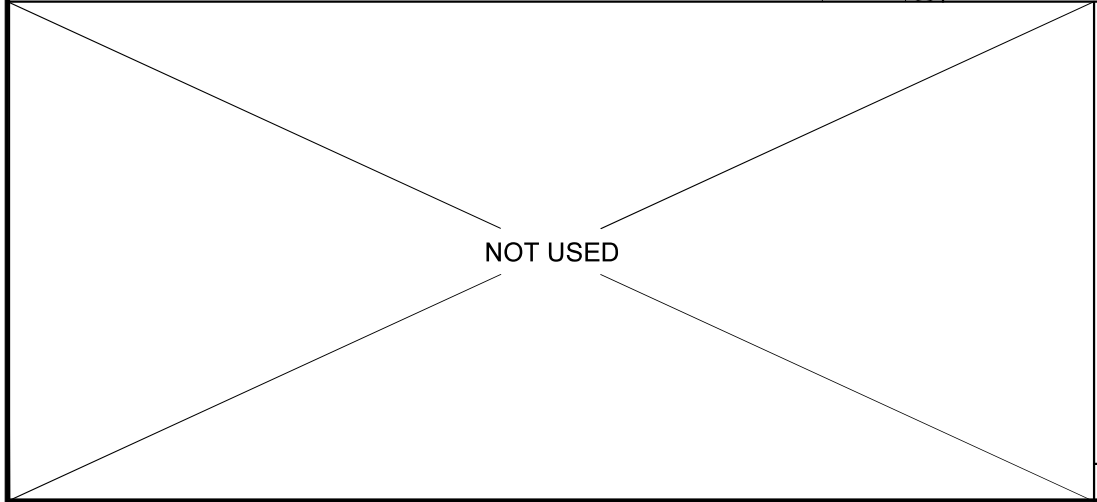
DEMO PLAN

SCALE: 1/4"=1'-0" 15

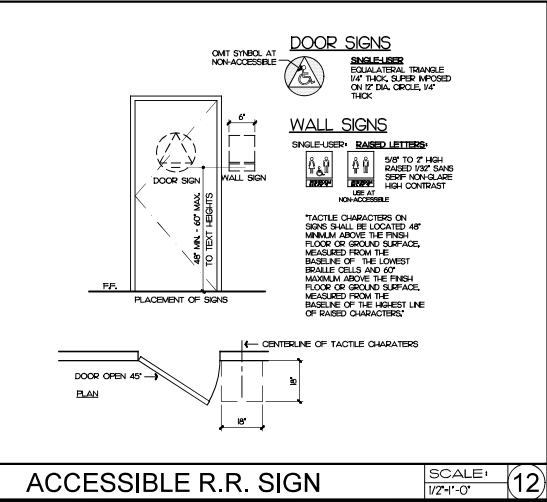


SITE PLAN

SCALE: 1/4"=1'-0" 7

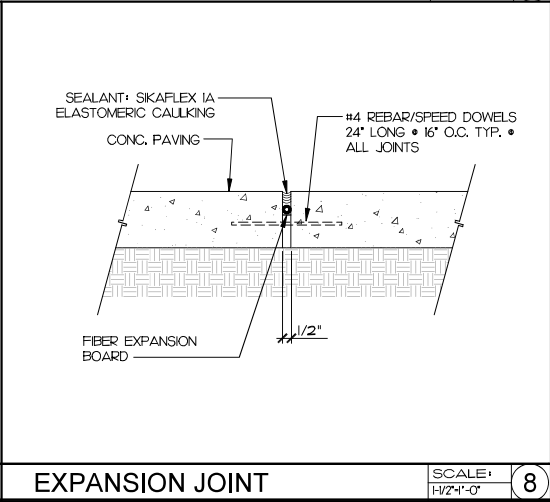


NOT USED



ACCESSIBLE R.R. SIGN

SCALE: 1/2"=1'-0" 12



EXPANSION JOINT

SCALE: 1/2"=1'-0" 8



CONCRETE EDGE

SCALE: 1/2"=1'-0" 4

KEY NOTE

1. PRE-FABRICATED RESTROOM BUILDING BY OWNER, CONTRACTOR TO PERFORM THE FOLLOWING:
  - COORDINATE OFF-LOADING & BUILDING PLACEMENT.
  - PROVIDE ALL UTILITY CONNECTIONS (WATER, SEWER & ELECTRICAL).
  - PROVIDE RESTROOM SIGNS AS REQUIRED PER DETAIL 5/A12.
  - SEE SHEETS A20 AND A21 FOR REFERENCES.
2. REMOVE EXISTING LANDSCAPE (CAP AND/OR REROUTE TO MAINTAIN A FUNCTIONAL IRRIGATION SYSTEM AS REQUIRED), DIRT, GRAVEL, SAND, ETC. PREP & RECOMPACT (95% MIN. COMPACTION) AREA TO ACCEPT NEW CONC. SIDEWALK / PAVING AS REQUIRED - FIELD VERIFY. SEE CIVIL.
3. CONCRETE SIDEWALK (4,000 PSI W/ #4 REBAR @ 24" O.C. EACH WAY) OVER COMPACTED CLAY BASE & SOIL W/ CONTROL JOINTS (C.J.) & EXPANSION JOINTS (E.J.) AS REQUIRED - SEE 8/A11.
4. (E) MANHOLD COVER
5. (E) EDGE OF PAVEMENT
6. (E) CURB
7. (E) WOOD FENCE, PROTECT
8. (E) RETAINING WALL TO REMAIN/PROTECT - FIELD VERIFY.
9. (E) SCE ELECTRICAL UTILITIES TO REMAIN/PROTECT - FIELD VERIFY.
10. (N) PROPOSED SCE TRANSFORMER, SEE ELECT.
11. RIGHT/WAY, SEE CIVIL.
12. WATER BACKFLOW PREVENTION DEVICE WITH ELECTRICAL GFCI OUTLET.

**SIK**

4055 STEAD DR., TEMECULA, CALIFORNIA 92590-1700  
Phone: 951.296.8110 Fax: 951.296.8078 Email: info@stl.com

CONSULTANT

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92425

PROJECT NAME:  
LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10J0398

APN #1 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

ISSUE INFORMATION	
DATE	INFORMATION
10-02-2023	50% D.D.
10-17-23	D.D. PROGRESS
12-08-23	CDs
12-18-23	CDs
01-23-24	BID

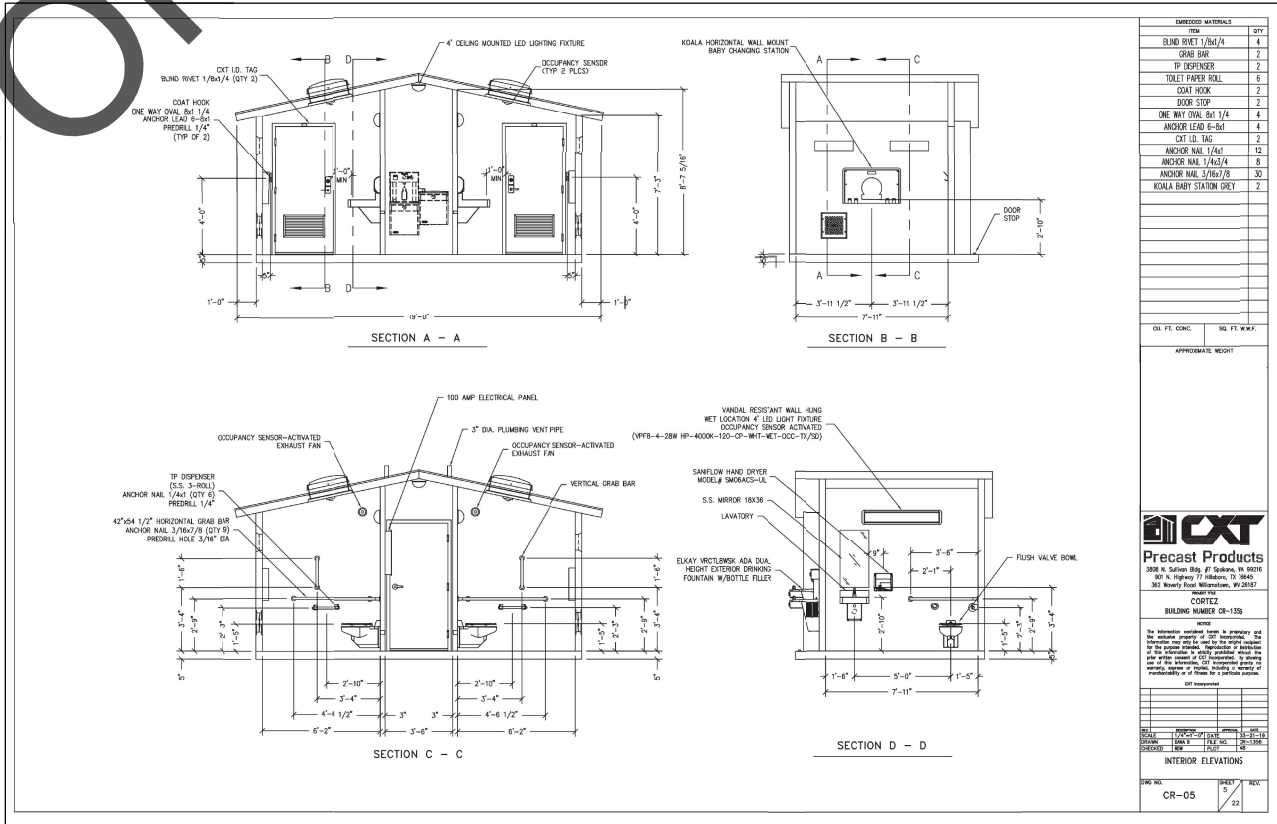
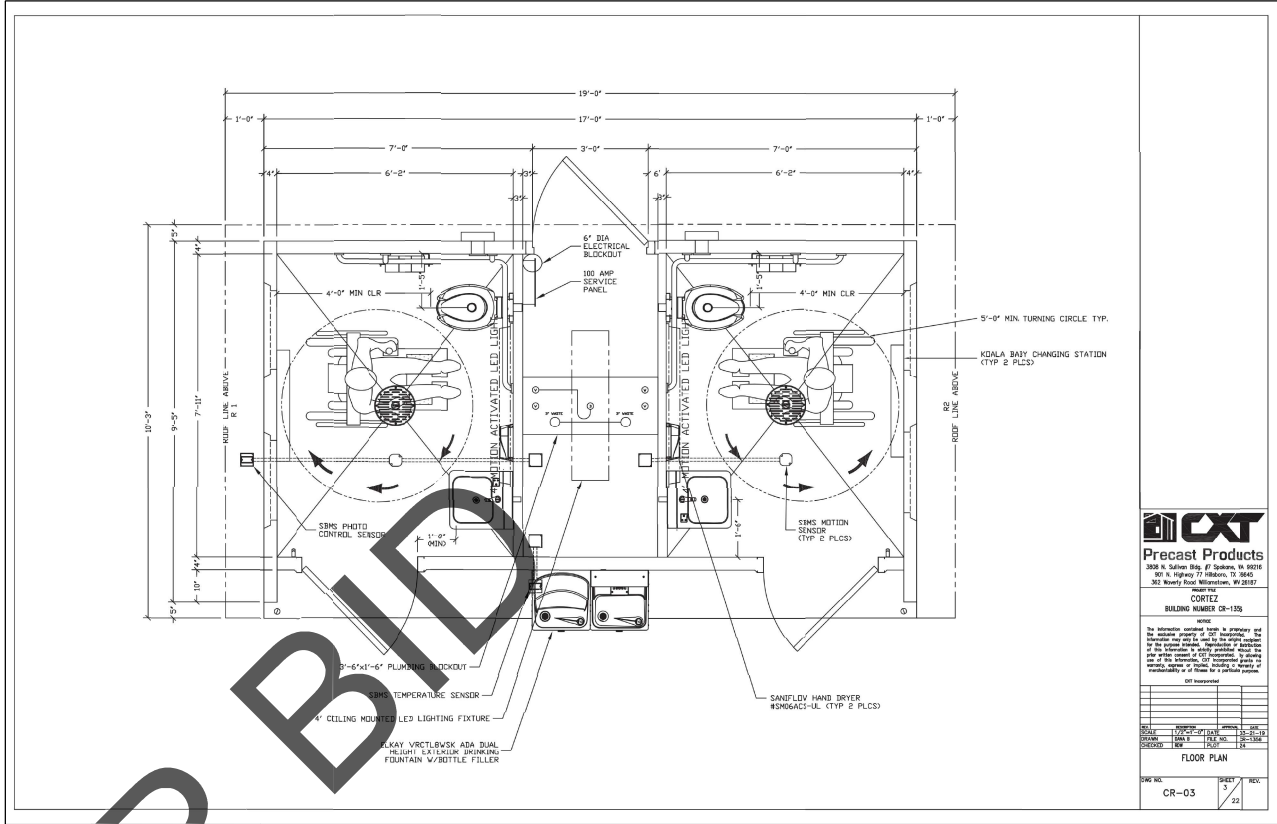
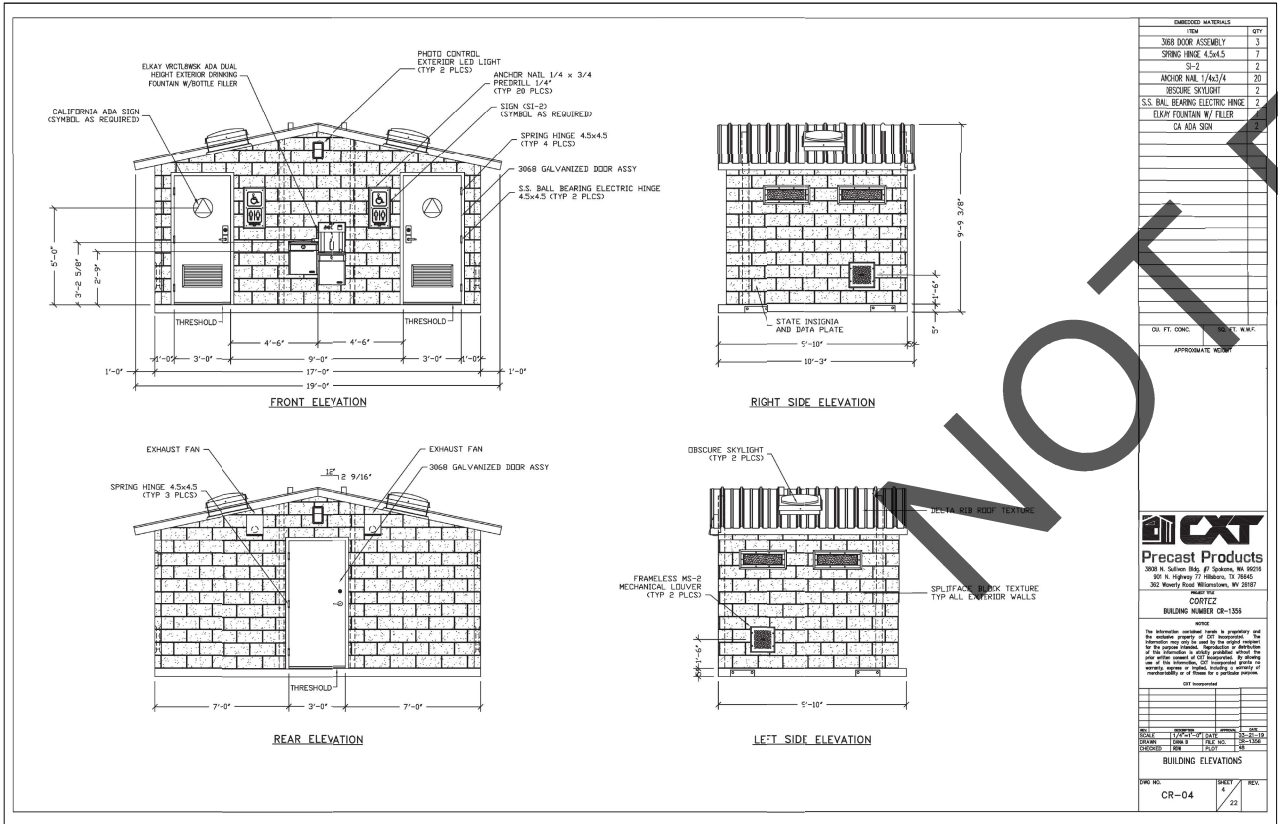
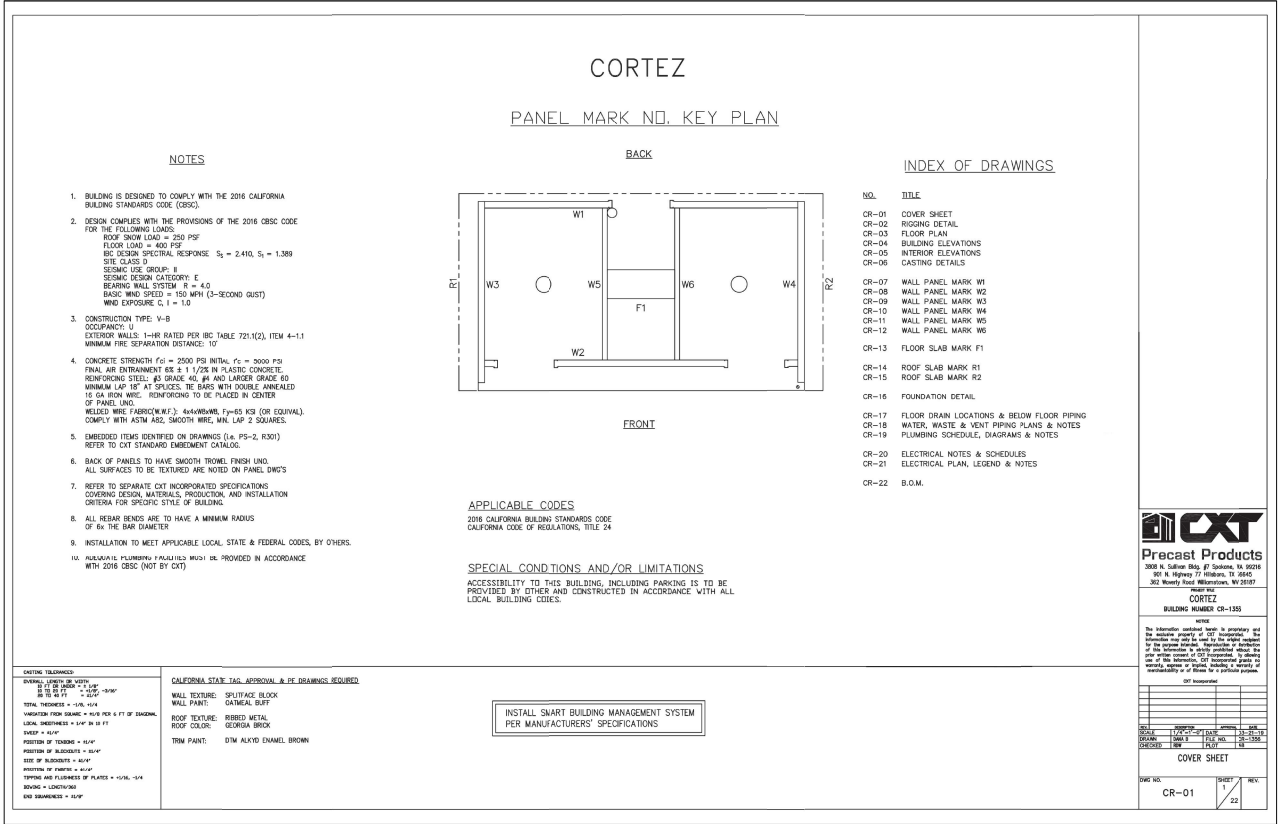
SHEET INFORMATION:  
STK PROJECT NO. 674-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE:  
DRAWING NAME:



SHEET TITLE:  
SITE PLAN  
/DETAILS

SHEET NO.:  
A1.1





83001 DEVIL DR., TEMECULA, CALIFORNIA 92590  
Phone: 951-266-8110 Fax: 951-266-8579 Email: info@stk.com

CONSULTANT

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:  
LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #010J398

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

ISSUE INFORMATION

DATE	DESCRIPTION
10-02-2023	50% B.D.
10-17-23	D.D. PROGRESS
12-08-23	CDs
12-18-23	CDs
01-23-24	BD

SHEET INFORMATION

STK PROJECT NO. 674-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE:  
DRAWING NAME:

SEAL



SHEET TITLE

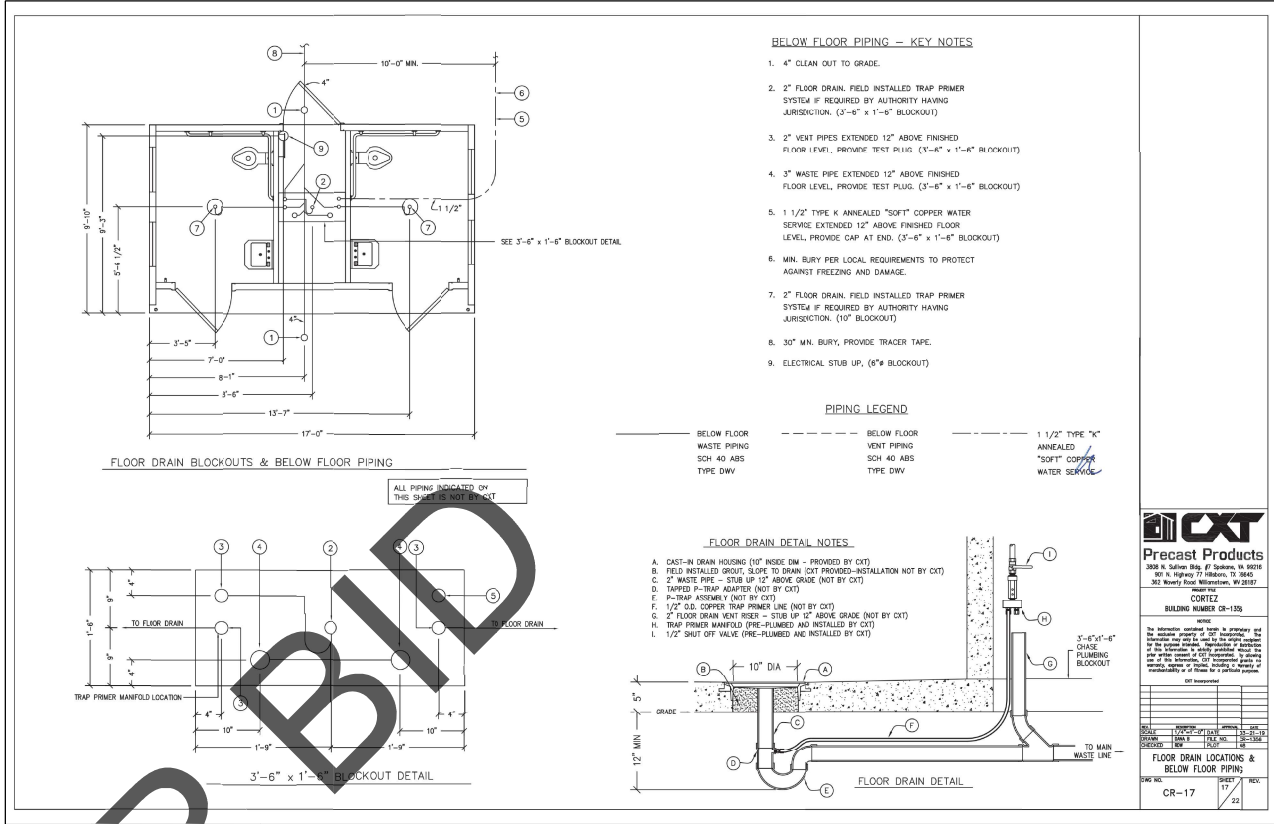
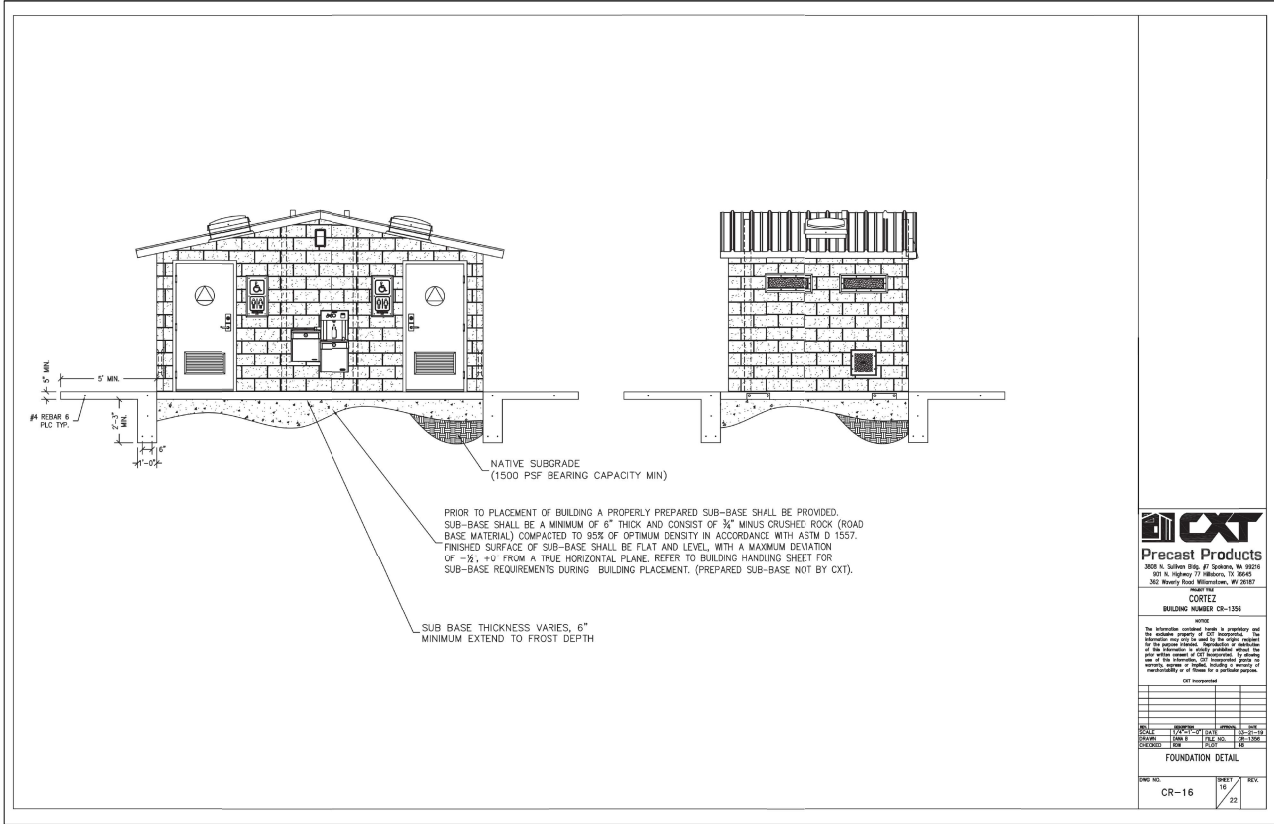
PREFABRICATED  
RESTROOM

SHEET NO.

A2.0

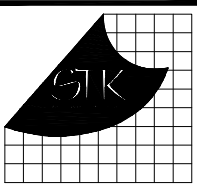
FOR REFERENCE ONLY

NOTES:  
THE DRAWING & NOTES SHOWN ON THIS SHEET IS  
FOR INFORMATION & REFERENCE ONLY. THIS  
STRUCTURE IS AN OWNER PURCHASED &  
DELIVERED TO THE SITE, INCLUDING CRANE  
SERVICES. CONTRACTOR TO COORDINATE WITH  
OWNER FOR BUILDING DELIVERY & ACCEPTANCE.  
CONTRACTOR SHALL PROVIDE ALL UTILITY  
CONNECTIONS AS REQUIRED



**CXT**  
**Precast Products**  
3808 N. Sullivan Blvd., #1 Spokane, WA 99208  
509 N. Highway 72, Ellensburg, WA 98926  
362 Waverly Road, Milford, MA 01850  
Phone: 509-265-8110 Fax: 509-266-6279 Email: info@cxtinc.com

**CXT**  
**Precast Products**  
3808 N. Sullivan Blvd., #1 Spokane, WA 99208  
509 N. Highway 72, Ellensburg, WA 98926  
362 Waverly Road, Milford, MA 01850  
Phone: 509-265-8110 Fax: 509-266-6279 Email: info@cxtinc.com



53055 DEVIS DR., TEMECULA, CALIFORNIA 92590  
Phone: 951-266-8110 Fax: 951-266-6279 Email: info@stkinc.com

CONSULTANT:

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:  
LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10J0J398

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

ISSUE INFORMATION:

DATE:	INFORMATION:
10-02-2023	50% B.D.
10-17-23	D.D. PROGRESS
12-08-23	CDs
12-18-23	CDs
01-23-24	BD

SHEET INFORMATION:

STK PROJECT NO. 674-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE:  
DRAWING NAME:

SEAL:



SHEET TITLE:

PREFABRICATED  
RESTROOM

SHEET NO.:

A2.1

FOR REFERENCE ONLY

**NOTES:**  
THE DRAWING & NOTES SHOWN ON THIS SHEET IS FOR INFORMATION & REFERENCE ONLY. THIS STRUCTURE IS AN OWNER PURCHASED & DELIVERED TO THE SITE, INCLUDING CRANE SERVICES. CONTRACTOR TO COORDINATE WITH OWNER FOR BUILDING DELIVERY & ACCEPTANCE. CONTRACTOR SHALL PROVIDE ALL UTILITY CONNECTIONS AS REQUIRED

NOT FOR BID







600V FEEDER SCHEDULE 1Ø 3W						
LABEL	TYPE	SETS	PHASE	NEUTRAL	GROUND	CONDUIT
20A-B	20A-3W	1	2 # 12	1 # 12	1 # 12	3/4"
30A-B	30A-3W	1	2 # 10	1 # 10	1 # 10	3/4"
40A-B	40A-3W	1	2 # 8	1 # 10	1 # 10	1"
50A-B	50A-3W	1	2 # 6	1 # 6	1 # 10	1"
60A-B	60A-3W	1	2 # 6	1 # 6	1 # 10	1"
70A-B	70A-3W	1	2 # 4	1 # 4	1 # 6	1-1/4"
80A-B	80A-3W	1	2 # 3	1 # 3	1 # 6	1-1/4"
90A-B	90A-3W	1	2 # 2	1 # 2	1 # 6	1-1/4"
100A-B	100A-3W	1	2 # 1	1 # 1	1 # 6	1-1/2"
125A-B	125A-3W	1	2 # 1	1 # 1	1 # 6	1-1/2"
150A-B	150A-3W	1	2 # 1/0	1 # 1/0	1 # 6	1-1/2"
175A-B	175A-3W	1	2 # 2/0	1 # 2/0	1 # 6	2"
200A-B	200A-3W	1	2 # 3/0	1 # 3/0	1 # 6	2"

NOTE:  
ALL CONDUCTOR SIZES ARE BASED ON TYPE THHN COPPER CONDUCTOR UNLESS OTHERWISE NOTED. THE AMPLACITY OF CONDUCTORS SHALL BE BASED ON THE TERMINALS NOT TO EXCEED 60°C FOR CONDUCTOR SIZE #14 THROUGH #1 AWG OR 75°C FOR CONDUCTOR SIZE OVER #1 AWG AS PER NEC 110.14(C).

FEEDER SCHEDULE

3

SINGLE LINE DIAGRAM

1

LOAD SUMMARY			
METER 'MSP'		LOAD VA	LOAD AMPS
1 PANEL 'RR'		4159	17
TOTAL LOAD INCLUDING NEC DEMAND FACTORS:			
120/240V 1PH 3W		4159	17
NEW METER PEDESTAL RATED:			
		100	

LOAD SUMMARY

4

MOUNTING: SURFACE										PANEL RR (NEW)										VOLTAGE: 120/240V 1PH 3W									
FED FROM: 'MSP'										LOCATION: RESTROOM BUILDING										BUS: 100 A									
NEMA: 1																				MAIN: 100 A 2P									
AIC RATING: 22,000																				FEEDER: 100-B									
NOTE	DESCRIPTION	A	B	TYPE	POLE	AMP	W/CPH	LENGTH	J.O. %	CNDRIT	PHASE	CNDRIT	J.O. %	LENGTH	W/CPH	AMP	POLE	TYPE	A	B	DESCRIPTION	NOTE							
	PHOTO CONTROLLED EXT LIT	28		C	1	20	#12	40	0.03	3/4"	1	A	-	2	3/4"	0.15	30	#12	20	1	R	150	CHASE RECEPTACLE						
	CHASE LIT		28	L	1	20	#12	40	0.03	3/4"	3	-	B	4	3/4"	0.14	40	#12	20	1	L	129	ROOM #2 LIGHT & FAN						
	ROOM #1 LIGHT & FAN	129		L	1	20	#12	45	0.19	3/4"	3	A	-	5	3/4"	1.27	40	#12	20	1	N	1140	ROOM #2 HAND DRYER						
	ROOM #1 HAND DRYER		1140	N	1	20	#12	50	1.58	3/4"	7	-	B	8	3/4"	0.31	30	#12	20	1	R	370	DRINKING FOUNTAIN GFCI						
	DOOR LOCKS & TIME CLOCK	156		R	1	20	#12	20	0.09	3/4"	9	A	-	10	3/4"	0.67	40	#12	20	1	N	600	SMART BLDG CONTROLLER						
	BACKFLOW PREVENTION REC.		180	R	1	20	#10	120	0.36	1"	11	-	B	12								SPACE							
	SPACE										13	A	-	14								SPACE							
	SPACE										15	-	B	16								SPACE							
	SPACE										17	A	-	18								SPACE							
	SPACE										19	-	B	20								SPACE							
SUBTOTALS		313	1348																	1920	499								
NEC/IEC LOAD CALC:		CONNECTED	DEM.	DEM.	DEMAND	SUBTOTALS:		PHASE	NOTES:																				
LOAD TYPE		VA	FACT.	VA	AMPS	2233 VA		A																					
(L) LIGHTING		286	1.25	358	1	1847 VA		B																					
(R) RECEPTACLE		886	220.44	886	4	4080 VA		TOTAL																					
(M) MOTOR		0	1.25	0	0	19		AMPS																					
LARGEST MOTOR			0.25	0	0																								
(C) CONTINUOUS		28	1.25	35	0																								
(N) NON-CONTINUOUS		2880	1.00	2880	12																								
(K) KITCHEN (NEC 220.56)		0	0.65	0	0																								
(S) SPECIAL DEMAND		0	1.00	0	0																								
TOTALS		4080		4159																									
TOTAL AMPS CONNECTED AT		120/240V 1PH 3W	WITH LCL	17 A																									

PANEL SCHEDULE

2

GENERAL NOTES

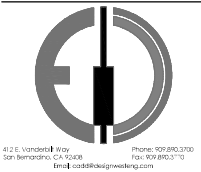
- REFER TO 'GENERAL NOTES' ON ELECTRICAL LEGENDS AND NOTES SHEET FOR WIRING METHODS, MATERIALS, AND REQUIREMENTS.
- ALL CIRCUIT BREAKERS, PANELBOARDS AND TRANSFORMERS SHALL BE OF THE SAME MANUFACTURER AND NEW.
- ALL GROUND CONNECTIONS SHALL BE CADCWELD.
- ALL PANELBOARDS SHALL BE FULLY RATED FOR THE AVAILABLE FAULT UNLESS OTHERWISE NOTED.
- THE FEEDER LENGTHS SHOWN ON THESE DRAWINGS ARE FOR CALCULATION PURPOSES ONLY AND ARE NOT VALID FOR BIDDING.
- EQUIPMENT DATA AND CONFIGURATIONS SHOWN ON THE SINGLE LINE DIAGRAM PROVIDE GENERAL EQUIPMENT INFORMATION. CONTRACTOR SHALL REVIEW ELECTRICAL PLANS AND SPECIFICATIONS TO VERIFY ALL EQUIPMENT ASSOCIATED DESIGN INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY COMPONENTS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. ANY DISCREPANCIES BETWEEN DESCRIPTIONS, SPECIFICATIONS, AND EXISTING CONDITIONS ARE TO BE PRESENTED TO THE ENGINEER OF RECORD PRIOR TO COMPLETION OF THE BID PROCESS FOR CLARIFICATION. NO EQUIPMENT SHALL BE ORDERED UNTIL DISCREPANCIES ARE RESOLVED THROUGH A FORMAL RF PROCESS.
- CONTRACTOR SHALL PROVIDE SWITCHBOARD SHOP DRAWINGS TO SERVING UTILITY COMPANY PRIOR TO FABRICATION OF EQUIPMENT. CONTRACTOR SHALL SECURE CONFIRMATION THAT THE PROPOSED SWITCHBOARD COMPLIES WITH ALL ELECTRICAL UTILITY COMPANY REGULATIONS.
- GROUND ALL ELECTRICAL EQUIPMENT, BRANCH CIRCUITS, FEEDERS, PANEL AND DISTRIBUTION BOARDS, ELECTRICAL SERVICES, ETC. PER ADOPTED NEC ARTICLES 250.
- ALL ELECTRICAL EQUIPMENT (I.E. SWITCHGEAR, TRANSFORMERS, DISTRIBUTION BOARDS, PANELBOARDS, DISCONNECT SWITCHES, ETC.) SHALL BE PROVIDED WITH A PHENOLIC NAMEPLATE WITH ENGRAVED LETTERS PER SPECIFICATIONS. ALL NAMEPLATES SHALL BE FASTENED WITH A MINIMUM OF TWO (2) MACHINE SCREWS. NO SELF ADHESIVE NAMEPLATES ARE ALLOWED.
- ELECTRICAL CONTRACTOR TO INCLUDE IN BID ALL ASSOCIATED COSTS FOR THIRD PARTY TESTING OF ELECTRICAL EQUIPMENT, GROUND FAULT, CONDUCTORS, ETC.
- ALL CONDUCTOR TERMINATIONS SHALL BE TIGHTENED TO MANUFACTURER RECOMMENDATIONS USING AN APPROVED MEANS.
- ALL ELECTRICAL EQUIPMENT SHALL BE IDENTIFIED WITH NAMEPLATES. REFER TO SPECIFICATIONS. IN ADDITION, EACH DISCONNECT MUST BE MARKED TO IDENTIFY ITS PURPOSE AND INCLUDE IDENTIFICATION OF CIRCUIT SOURCE THAT SUPPLIES DISCONNECTING MEANS. (110.22)

CONSTRUCTION NOTES

- CONTRACTOR SHALL FURNISH AND INSTALL UNDERGROUND CONDUIT. COORDINATE WITH S.C.E. FINAL DRAWINGS FOR CONDUIT SIZE AND FURNISHED FEEDERS.



CONSULTANT:  
DESIGN WEST ENGINEERING  
MECHANICAL • ELECTRICAL • ENERGY CONSULTANTS



PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
REAL ESTATE SERVICES  
DEPARTMENT -  
PROJECT MANAGEMENT  
DIVISION

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:  
LAKE GREGORY  
REGIONAL PARK  
SAN MORITZ  
PREFAB RESTROOM

PROJECT #10.10.1398

APN #: 0337-202-07

24746 SAN MORITZ WAY  
CRESTLINE, CA 92325

ISSUE INFORMATION:

DATE:	INFORMATION:
10-02-2023	50%-DESIGN DEVELOPMENT
10-17-23	D.D. PROGRESS
12-08-23	CDs
12-18-23	CDs
01-23-24	BID

SHEET INFORMATION:

STK PROJECT NO.: 374-178-23  
SCALE: AS NOTED  
DATE: DECEMBER 2023  
PLOT DATE: -  
DRAWING NAME:

SIGNATURE: \_\_\_\_\_



SHEET TITLE:  
SINGLE LINE  
DIAGRAM

SHEET NO.:

E0.2



