

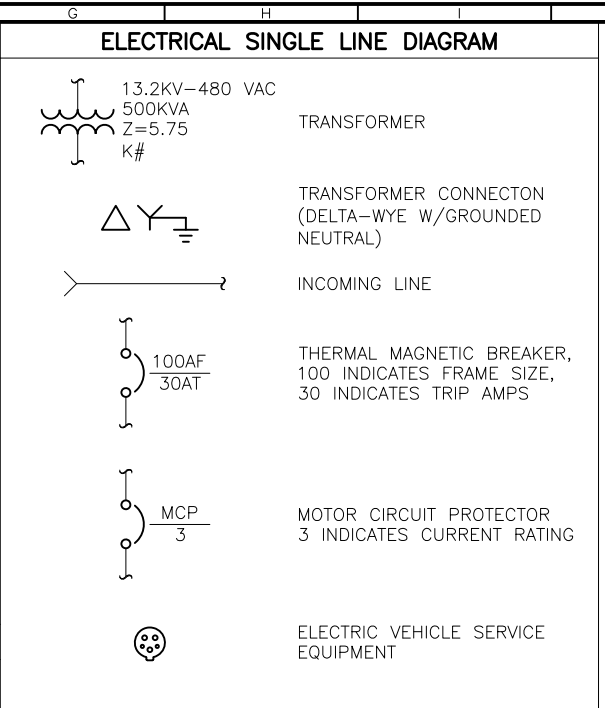
| ELECTRICAL PLAN | |
|-----------------|--|
| SYMBOL | DESCRIPTION |
| | PANEL |
| | CONDUIT RACK WITH BOTTOM OF RACK HEIGHT A.F.F. OR DUCT BANK TOP OF CONCRETE ELEVATION SHOWN |
| | EXISTING RACEWAY OR EQUIPMENT |
| | CONDUIT RUN, CONCEALED IN WALL OR CEILING |
| | CONDUIT RUN EXPOSED |
| | CONDUIT STUBBED OUT AND CAPPED |
| | CONDUIT RUN, IN SLAB OR BELOW GRADE |
| | CONDUIT BENDS AWAY FROM OBSERVER |
| | CONDUIT BENDS TOWARD OBSERVER |
| | CONDUIT ENDS WITH INSULATED BUSHING UNLESS OTHERWISE NOTED |
| | CONDUIT RUN - CHANGE IN ELEVATION |
| | GROUND WIRE, SIZE AS NOTED |
| | GROUND CONNECTION - BOLTED TYPE |
| | GROUND CONNECTION - EXOTHERMIC TYPE |
| | GROUND CONNECTION - COMPRESSION TYPE |
| | JUNCTION BOX |
| | MOTOR (NUMBER INDICATES HORSEPOWER) |
| | CURRENT TRANSFORMER |
| | FIELD MOUNTED INSTRUMENT |
| | CONTROL STATION, REFERENCE RELATED CONTROL DIAGRAMS FOR THE TYPE OF DEVICES REQUIRED (CSTN SYNTAX 2) |
| | HAND HOLE |
| | GROUND WELL WITH GROUND ROD |

| INSTRUMENT SIGNAL SYMBOLS | |
|---------------------------|--|
| | INSTRUMENT SUPPLY, PROCESS TAPS |
| | PNEUMATIC SIGNAL |
| | HARDWIRED ELECTRICAL SIGNAL (ANALOG OR DISCRETE) |
| | CAPILLARY TUBE OR FILLED SYSTEM |
| | ELECTROMAGNETIC OR SONIC SIGNAL (GUIDED) |
| | DATA LINK |
| | MECHANICAL LINK |
| | HYDRAULIC |
| | CONNECTOR |

| ABBREVIATION DEFINITION | |
|-------------------------|--------------------------------------|
| AR | ACCESS REQUEST |
| BC | BARE COPPER |
| CS | CIRCULATING SLUDGE |
| CU | CONTROL UNIT |
| DS | DIGESTED SLUDGE |
| EVSE | ELECTRICAL VEHICLE SERVICE EQUIPMENT |
| GRC | GAS RECIRCULATION COMPRESSOR |
| LSG | LOW PRESSURE SLUDGE GAS |
| MME | MISCELLANEOUS MECHANICAL EQUIPMENT |
| MS | MIXED SLUDGE |
| OF | OVERFLOW |
| WN | NON-POTABLE WATER |
| WP | POTABLE WATER |
| SA | SERVICE AIR |
| TD | TANK DRAIN |
| WRH | RECLAIMED WATER HIGH PRESSURE |
| WRL | RECLAIMED WATER LOW PRESSURE |

| DETAIL NUMBERING SYSTEM | |
|---|---------------|
| (1) DETAIL ON DWG M8201 | DETAIL NUMBER |
| | |
| DRAWING ON WHICH DETAIL APPEARS | |
| (2) DWG M8205 THIS DETAIL IS IDENTIFIED AS: | DETAIL NUMBER |
| | |
| DRAWING ON WHICH DETAIL WAS TAKEN | |

| DEMOLITION | |
|------------|----------------------|
| | WIRE DEMOLITION |
| | EQUIPMENT DEMOLITION |



GENERAL NOTES

1. SYMBOLS ARE FOR REFERENCE ONLY, NOT ALL SYMBOLS ARE USED IN THESE CONTRACT DRAWINGS.



PHOTO 1
NTS

PHOTO 2
NTS

- NOTES:**
- REUSE EXISTING MCC BUCKET SPACE. PROVIDE NEW MCC BUCKET FRAME, DOOR, AND NEW FEEDER BREAKER AS SHOWN ON THE SINGLE LINE DIAGRAM.
 - RELOCATE EXISTING PANELBOARD APPROXIMATELY EIGHT INCHES TO THE LEFT TO ALLOW INSTALLATION FOR THE CONTINUATION OF 4" CONDUIT TO THE TRANSFORMER. MODIFY EXISTING BACKPANEL MOUNTING AND PROVIDE NEW MOUNTING HARDWARE AS NEEDED. DISCONNECT, RECONNECT, AND DEMOLISH EXISTING CONDUITS AND WIRES AS SHOWN ON DRAWING E11 - PANELBOARD SCHEDULE.
 - EXISTING 4" CONDUIT TO BE REUSED AND EXTENDED TO TRANSFORMER TFR12A AS SHOWN ON PLAN DWG E21 AND CONDUIT SCHEDULE.

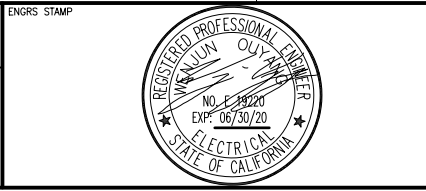


| ZONE | REV. | DESCRIPTION | BY | DATE | APP. |
|------|------|-------------|----|------|------|
| | 1 | ADDENDUM #1 | WO | 7/25 | |

| REVISIONS | | | | | |
|-----------|------|-------------|----|------|------|
| ZONE | REV. | DESCRIPTION | BY | DATE | APP. |
| | 1 | ADDENDUM #1 | WO | 7/25 | |

LINE IS 2 INCHES AT FULL SIZE (IF NOT 2" - SCALE ACCORDINGLY)

FILE: E01
DRAWN: K. M. JOSE
DESIGNED: W. OUYANG
CHECKED:



SACRAMENTO REGIONAL WASTEWATER TREATMENT PLANT
SRWTP ELECTRIC VEHICLE CHARGING STATIONS

RFB 8343
CONTRACT NUMBER

ELECTRICAL

ELECTRICAL SYMBOLS AND PHOTOS

SCALE
NO SCALE

DRAWING NUMBER
E01

SHEET NUMBER
8 OF 14