

**PROPOSED SYMBOL LEGEND:**

- BTM BOLLARD
- BTM CHARGEPOINT [CP6000] DUAL PORT EVSE
- BTM CHARGEPOINT [CPE280] SINGLE PORT EVSE
- BTM ELECTRIC PULL BOX
- BTM DISTRIBUTION PANEL
- BTM METER SERVICE (COMBINATION)
- BTM STEP DOWN TRANSFORMER
- TTM PAD MOUNT TRANSFORMER
- TTM UNDERGROUND CONDUIT LINE
- BTM UNDERGROUND CONDUIT LINE
- LIMITS OF WORK
- CONCRETE

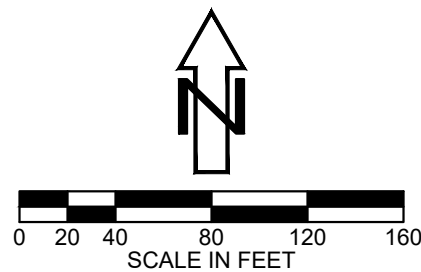
STALL AND STATION COUNT	
IMPACTED EXISTING	QUANTITY
FLEET STALLS	33
<b>TOTAL</b>	<b>33</b>
EV CHARGING STATIONS	QUANTITY
LEVEL 2 (19.2 KW NOMINAL / 16.6 KW ACTUAL) DUAL PORT - PEDESTAL MOUNT	7
LEVEL 3 (80 KW NOMINAL / 91.5 KW ACTUAL) SINGLE PORT - PEDESTAL MOUNT	2
<b>TOTAL</b>	<b>9</b>
ANTICIPATED LOAD	TOTAL KW
CHARGEPOINT CP6000 @ 16.6 KW PER PORT	232.4
CHARGEPOINT CPE280 @ 91.5 KW	183
CHARGER BANK DEMAND LOAD (AMPS @ 480V)	499.7

BILL OF MATERIALS		
ITEM	UNIT	QUANTITY
TTM 750KVA, 12/21KV-480/277V, 3Ø, PAD MOUNT TRANSFORMER WITH NEW CONCRETE PAD	EACH	1
TTM LOAD BREAK ELBOWS	EACH	4
BTM 800A, 480/277V, 3Ø, METER SERVICE (COMBINATION) - PEDESTAL MOUNT	EACH	1
BTM 800A, 480/277V, 3Ø, DISTRIBUTION - PEDESTAL MOUNT	EACH	1
BTM 1000A, 208/120V, 3Ø, DISTRIBUTION - PEDESTAL MOUNT	EACH	1
BTM 300KVA, 480-208/120V, 3Ø, STEP DOWN TRANSFORMER - PEDESTAL MOUNT	EACH	1
BTM PULL BOX	EACH	1
BTM 1-1/2" PVC CONDUIT	LF	750
BTM 2" PVC CONDUIT	LF	690
BTM 3" PVC CONDUIT	LF	65
TTM 5" PVC CONDUIT	LF	145
BTM (3) #1 AWG THWN-2 CU + (1) #6 AWG THWN-2 CU EGC	LF	180
BTM (3) 4/0 AWG THWN-2 CU + (1) #2 AWG THWN-2 CU EGC	LF	740
BTM (4) 250 MCM THWN-2 CU + (1) 2/0 AWG THWN-2 CU EGC	LF	105
BTM (4) #1 AWG THWN-2 CU + (1) #4 AWG THWN-2 CU EGC	LF	660
TTM 1/0AL EPR	LF	1,910
TTM 750AL QPX	LF	165
TTM 36" WIDE OPEN CUT TRENCH - HARDSCAPE	LF	65
TTM 36" WIDE OPEN CUT TRENCH - SOFTSCAPE	LF	10
BTM 24" WIDE OPEN CUT TRENCH - HARDSCAPE	LF	525
BTM 24" WIDE OPEN CUT TRENCH - SOFTSCAPE	LF	10
TTM RESTORE ASPHALT PAVEMENT	SF	165
BTM RESTORE ASPHALT PAVEMENT	SF	985
TTM RESTORE CONCRETE	SF	45
BTM RESTORE CONCRETE	SF	65
TTM RESTORE SOFTSCAPE	SF	25
BTM RESTORE SOFTSCAPE	SF	20
BTM BOLLARD	EACH	35

**NOTES:**

- ALL QUANTITIES ARE ESTIMATED AND SHOULD BE VERIFIED BY THE CONTRACTOR.
- ASSUMED STANDARD RATED EQUIPMENT WILL BE USED.
- THE CUSTOMER IS RESPONSIBLE FOR THE REMOVAL AND RESTORATION OF LANDSCAPING/TREES AND IRRIGATION PRIOR TO CONSTRUCTION.
- THE SITE IS LOCATED IN FLOOD HAZARD ZONE X.
- LOAD RESTRICTIONS REQUIRED: NONE

\*LINEAR FOOTAGE QUANTITIES INCLUDE VERTICAL TRAVEL



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**PG&E EV FLEET CHARGING PROGRAM**

**FLEET006096450**

COUNTY OF YOLO  
294 W. BEAMER ST., WOODLAND, CA 95695  
PRELIMINARY DESIGN

DR. BY LCC  
CH. BY CRB  
DATE 03-27-2025  
SCALE: AS NOTED

SHEET NO. 1  
OF 1 SHEETS