



TRANSFORMER DETAIL
 APPLICANT TO PROVIDE AND INSTALL 90"x 106" PAD FOR STYLE IIE TX.
 PG&E CODE: 040292
 NOTES: REFER TO THE GREEN BOOK DWG. #063928 PAGE 4, TABLE 4 FOR RADIUS OF BENDS.
 MAINTAIN 8'-0" UNOBSTRUCTED WORKING SPACE IN FRONT OF TRANSFORMER.
 • REMOVABLE BARRIER POST
 • FIXED BARRIER POST

GRD. ROD
 EXCAVATE AN AREA 2 FT. BELOW GRADE FOR GROUND ROD INSTALLATION. MAINTAIN 6 FT. SEPARATION FROM OTHER GROUND ROD.

LEGEND

INSTALL	EXISTING	DESCRIPTION
☒	☒	MAIN SERVICE PANEL
—P4—	—	3 PHASE PRIMARY CABLE/CONDUCTOR - SIZE AS SHOWN
⊗		200A LOAD BREAK ELBOW
▲		PAD-MOUNT TRANSFORMER
—S4—		SERVICE CABLE - 2 RUNS 1000A QPX IN 5-5" CONDUITS(3 BLANK)
—D4—		VACANT CONDUIT - 1-4"
—D5—		VACANT CONDUIT - 5-5"
○	●	RISER
×	○	OVERHEAD DISCONNECT
	⊙	CONTACTED POLE
	△	OVERHEAD TRANSFORMER

TRANSFORMER DATA

T-87421	ESD= 608KVA @ 50% L.F.
INSTALL 750KVA 12/21/12	277/480V STYLE 2E 3# 4W TX
M&S CODE	TRANSFORMER ID
26-1413	1000001-90592
	INSP. DATE

CABLE PULLING DATA

LOC. OF PULL	CALCULATED PULLING TENSION	MAXIMUM ALLOWABLE TENSION	ACTUAL PULLING TENSION
2	78 LBS	1688/1688	

EQUIPMENT CHECK LIST

LOCATION	EQUIPMENT	LIST_COMPLETED_BY	DATE
1	FUSE_4093		
3	T-87421		

CONDUIT BENDING RADI

SIZE	VERTICAL	HORIZONTAL
3"	24"	36"
4"	36"	60"/36"(*)
5"	36"	60"
6"	36"*	60"*

PVC SCHEDULE 40 CONDUIT REQUIRED. *60" IS THE REQUIRED MINIMUM HORIZONTAL RADIUS WHEN USING 4" PVC CONDUIT FOR PRIMARY & SECONDARY. 36" IS THE MINIMUM HORIZONTAL RADIUS FOR 4" SERVICE CONDUITS.

**60" IS THE REQUIRED MINIMUM HORIZONTAL & VERTICAL RADIUS FOR 22' & 11" CONDUIT BENDS.

APPLICANT TO TRENCH AND INSTALL THE FOLLOWING:

- TRANSFORMER PAD / PRIMARY ENCLOSURES.
- CONDUITS AS SHOWN.
- EQUIPMENT PROTECTION WITH CLEARANCES PER PG&E DWG.UG-1
- BARRIER POSTS MAY BE REQUIRED DURING PERIOD OF CONSTRUCTION.

CALL 661 398-5711 TO SCHEDULE PG&E INSPECTION. ALLOW PG&E 48HRS (2) WORKING DAYS TO COMPLETE YOUR INSPECTION REQUEST.

REVISIONS

NO.	DATE	DESCRIPTION

CONSTRUCTION SKETCH
 1000 MING AVE
 BAKERSFIELD

ENGINEERING AND PLANNING DEPT.
 4101 WIBLE RD
 BAKERSFIELD CA 93313

EST: THOMAS MCCLEOD 661-473-3379
ADE: SEAN CASTELLO 661-556-1742
SUPV: SUZANNE ADAMS 661-808-9330
REP: AMANDA CORNEJO 661-316-8784
PLNR: DAVID HART 559-385-4719

JPAF
 NO. 127058586
 DATE: 12/12/2023
 SCALE: 1"=40'
 SHEET: 1 OF 1

NO ENVIRONMENTAL ISSUES
 GAS CONFLICT: NO
 NEAR LOC: N/A

661 Know what's below. Call before you dig.

PRIMARY VOLTAGE: 21 kV
 LATITUDE: 35.340828
 SOURCE SIDE DEVICE: 2540
 SUB & CIRCUIT: BAKERSFIELD 2109
 DSGN SAG: SSU
 CORROSION AREA: NON
 EQUIP. INST.: N/A

VOLTAGE AREA: 1
 LONGITUDE: -119.012011
 RAPTOR ZONE: YES
 ARRESTER DIST: 2
 INSULATION DIST: B
 FIRE WBL: 0A-TIER 1

PACIFIC GAS & ELECTRIC COMPANY