

ELECTRIC SERVICE STANDARDS

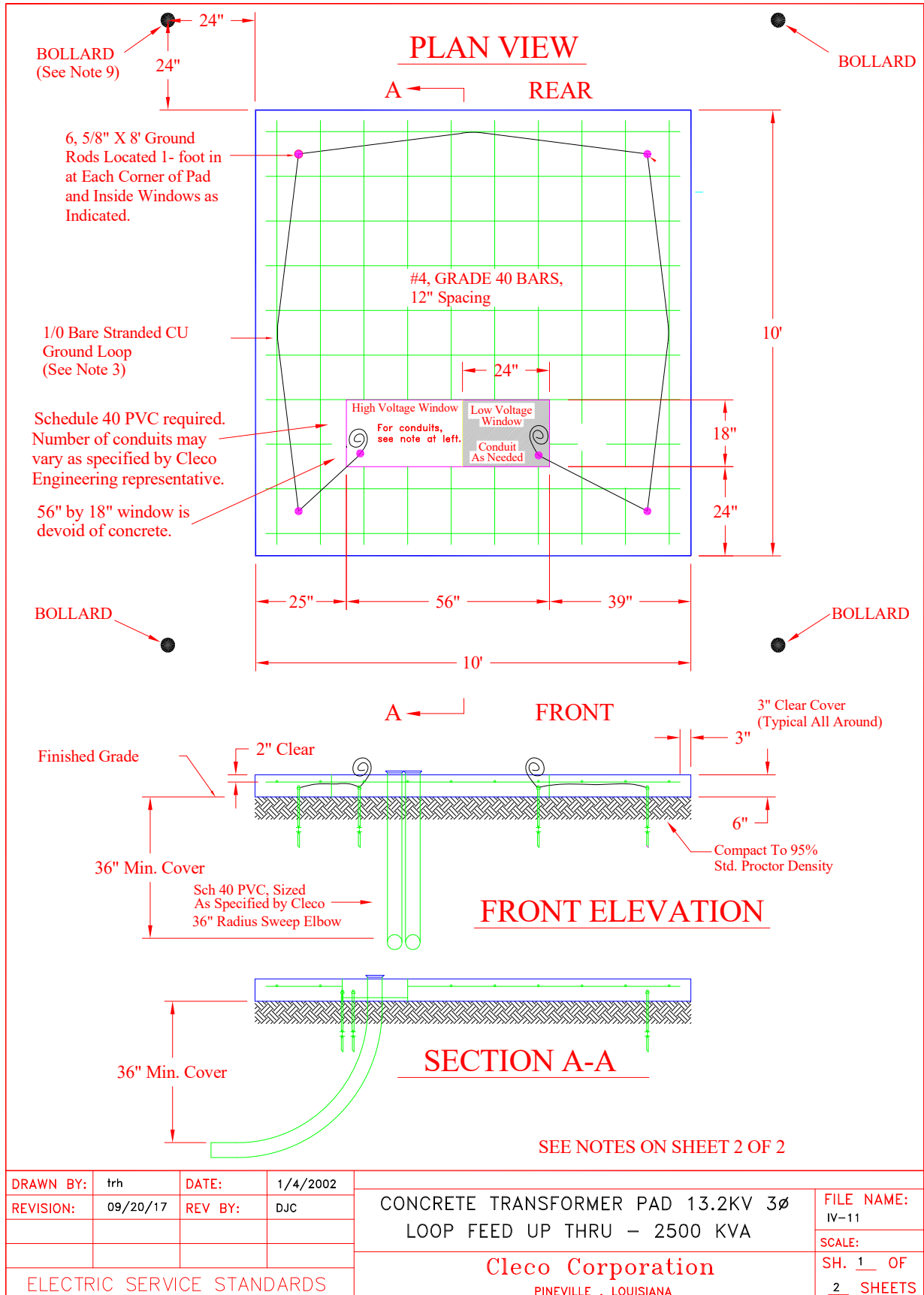


Fig. IV-11 Concrete XFM Pad 13.2KV 3-Phase Up thru 2500KVA

ELECTRIC SERVICE STANDARDS

NOTES

1. THE SECTIONS OF CONDUIT FOR CLECO'S PRIMARY CONDUCTORS ARE TO BE POSITIONED IN THE HIGH VOLTAGE WINDOW OPENING AS SPECIFIED BY THE LOCAL CLECO ENGINEERING REPRESENTATIVE. THE PRIMARY CONDUIT SHALL UTILIZE 36" RADIUS SWEEP ELBOWS.
2. CONDUIT FOR SERVICE CONDUCTORS SHOULD BE POSITIONED AS REQUIRED IN THE 24" BY 18" LOW VOLTAGE WINDOW OPENING REPRESENTED BY THE SHADED AREA ON THE DRAWING. IF CLECO IS RESPONSIBLE FOR THE SERVICE CONDUCTORS REFER TO THE FOLLOWING CHART FOR DETERMINING THE MINIMUM RADIUS ELBOWS THAT CAN BE USED BASED ON THE SIZE CONDUIT SPECIFIED BY THE LOCAL CLECO ENGINEERING REPRESENTATIVE:

CONDUIT SIZE	MIN. BEND RADIUS
2"-2.5"	24"
3"-5"	36"
6"-8"	48"

3. GROUND LOOP CONDUCTOR IS TO BE CONTINUOUS WITH 3' TAILS EXPOSED ABOVE THE SLAB. INTERWEAVE THE GROUND CONDUCTOR WITH THE RE-BARS.
4. HAVE A CLECO REPRESENTATIVE INSPECT AFTER FORMING BUT BEFORE POURING THE SLAB.
5. ALL CONCRETE SHALL BE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
6. PROVIDE A MINIMUM OF TEN FEET CLEAR SPACE BETWEEN THE SIDES AND REAR OF THE CONCRETE PAD AND ANY STRUCTURE OPENING OR STRUCTURES NOT HAVING A THREE HOUR FIRE RATING.
7. PROVIDE A MINIMUM OF FIVE FOOT CLEAR SPACE BETWEEN THE SIDES AND REAR OF CONCRETE PAD AND ANY FENCE OR STRUCTURE HAVING A THREE HOUR FIRE RATING.
8. PROVIDE A MINIMUM OF FIFTEEN FEET OF CLEAR SPACE ON THE FRONT SIDE OF THE PAD SO CLECO PERSONNEL CAN INSTALL, OPERATE, AND MAINTAIN THE TRANSFORMER FROM THE FRONT OF THE PAD.
9. WHEN THE PAD IS IN AN AREA EXPOSED TO VEHICULAR TRAFFIC, PROVIDE FOUR, SIX INCH CONCRETE FILLED STEEL PIPE BOLLARDS LOCATED AS SHOWN ON THE DRAWING. BOLLARDS ARE TO BE TEN FEET IN TOTAL LENGTH WITH A SIX FEET BURIAL DEPTH.

DRAWN BY:	TRH	DATE:	1/4/2002	CONCRETE TRANSFORMER PAD 13.2KV 3Ø LOOP FEED UP THRU – 2500 KVA	FILE NAME:
REVISION:	09/20/17	REV BY:	DJC		IV-11A
				Cleco Corporation PINEVILLE , LOUISIANA	SCALE:
ELECTRIC SERVICE STANDARDS					SH. <u>2</u> OF <u>2</u> SHEETS

Fig. IV-11A Concrete XFM Pad 13.2KV 3-Phase Up thru 2500KVA