





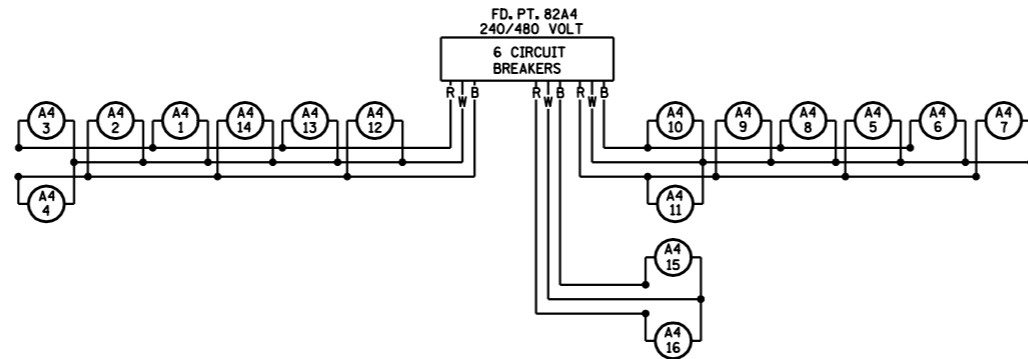


LEGEND

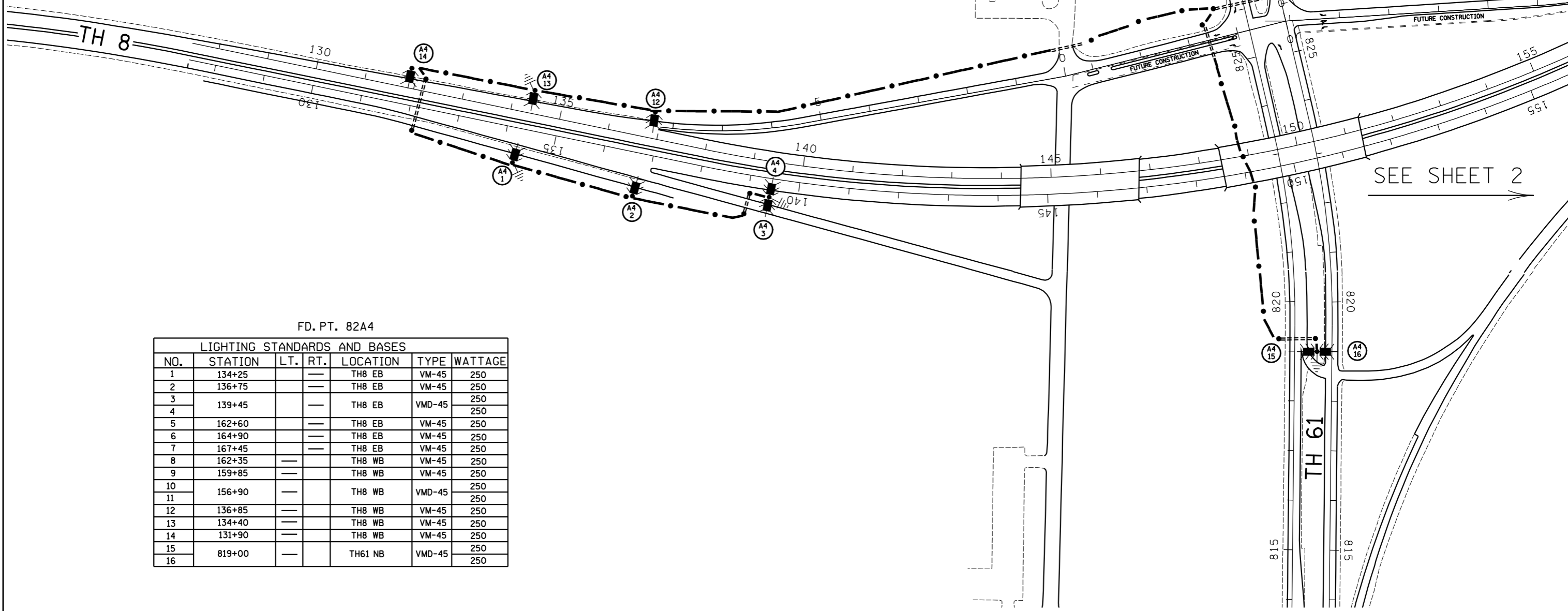
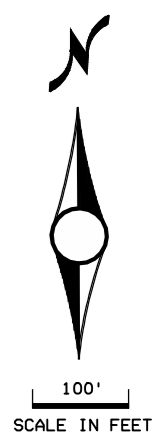
-  HIGH PRESSURE VERTICAL MOUNT SODIUM LIGHTING UNIT
-  HIGH PRESSURE BACK TO BACK VERTICAL MOUNT SODIUM LIGHTING UNIT
-  PAD MOUNTED SOURCE OF POWER 240/480 VOLT
-  ARMORED CABLE 4 CONDUCTOR NO. 4
-  3" NON-METALLIC CONDUIT (DIRECTIONAL BORE) UNLESS NOTED OTHERWISE
-  PERMANENT GROUND ROD (25 OHMS OR LESS)

B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR



Pole to be replaced by Excel- 240/480 Volt Transformer to be mounted

FD. PT. 82A4 (240/480) Volt Service Cabinet
Secondary Type L1
F & I 3-1/C #2
2" R.S.C., Riser and Weatherhead to Excel Energy Pole
Equipment Pad B Required
(Metered Service)
Meter Address
23605 Forest Blvd. No.



SEE SHEET 2

FD. PT. 82A4

LIGHTING STANDARDS AND BASES						
NO.	STATION	LT.	RT.	LOCATION	TYPE	WATTAGE
1	134+25		---	TH8 EB	VM-45	250
2	136+75		---	TH8 EB	VM-45	250
3	139+45		---	TH8 EB	VMD-45	250
4			---			250
5	162+60		---	TH8 EB	VM-45	250
6	164+90		---	TH8 EB	VM-45	250
7	167+45		---	TH8 EB	VM-45	250
8	162+35	---		TH8 WB	VM-45	250
9	159+85	---		TH8 WB	VM-45	250
10	156+90	---		TH8 WB	VMD-45	250
11						250
12	136+85	---		TH8 WB	VM-45	250
13	134+40	---		TH8 WB	VM-45	250
14	131+90	---		TH8 WB	VM-45	250
15	819+00	---		TH61 NB	VMD-45	250
16						250

Meter Address
23605 Forest Blvd. No.

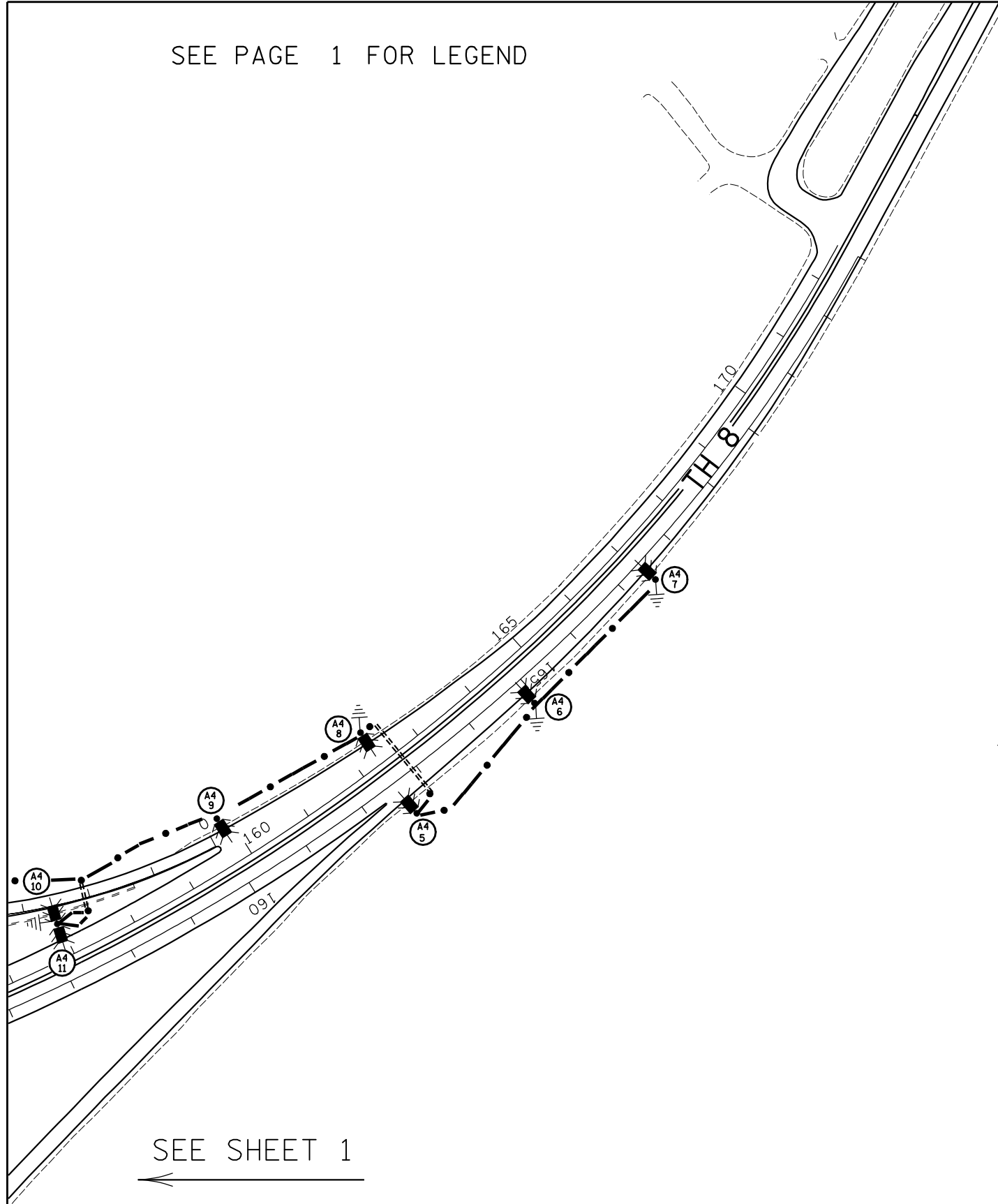
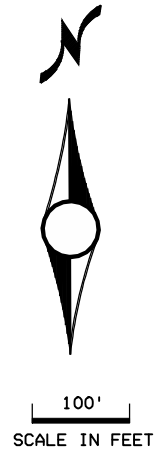
TH8 at TH61 FD. PT. 82A4

CERTIFIED BY *John A. Baerick* LIC. NO. 23084
LICENSED PROFESSIONAL ENGINEER

State Project 8825-112

LIGHTING PLAN
SHEET 1 OF 2 SHEETS

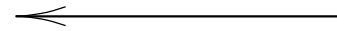
SEE PAGE 1 FOR LEGEND



UTILITY OWNERS

- AT & T Corp.
- City of Forest Lake
- Qwest Corporation
- US Cable of Coastal-Texas, L.P.
- XcelEnergy

SEE SHEET 1



Meter Address
23605 Forest Blvd. No.

NO UTILITIES WILL BE AFFECTED BY THIS PROJECT
ALL WORK IS WITHIN Mn/DOT RIGHT OF WAY

FD. PT. 82A4

TH8 at TH61

LIGHTING PLAN

SHEET 2 OF 2 SHEETS

CERTIFIED BY

John A. Beeneck
LICENSED PROFESSIONAL ENGINEER

LIC. NO.

23084

State Project 8825-112