

**WSMA CLUBHOUSE AND POOL AREA ELECTRICAL EQUIPMENT
LAYOUT**

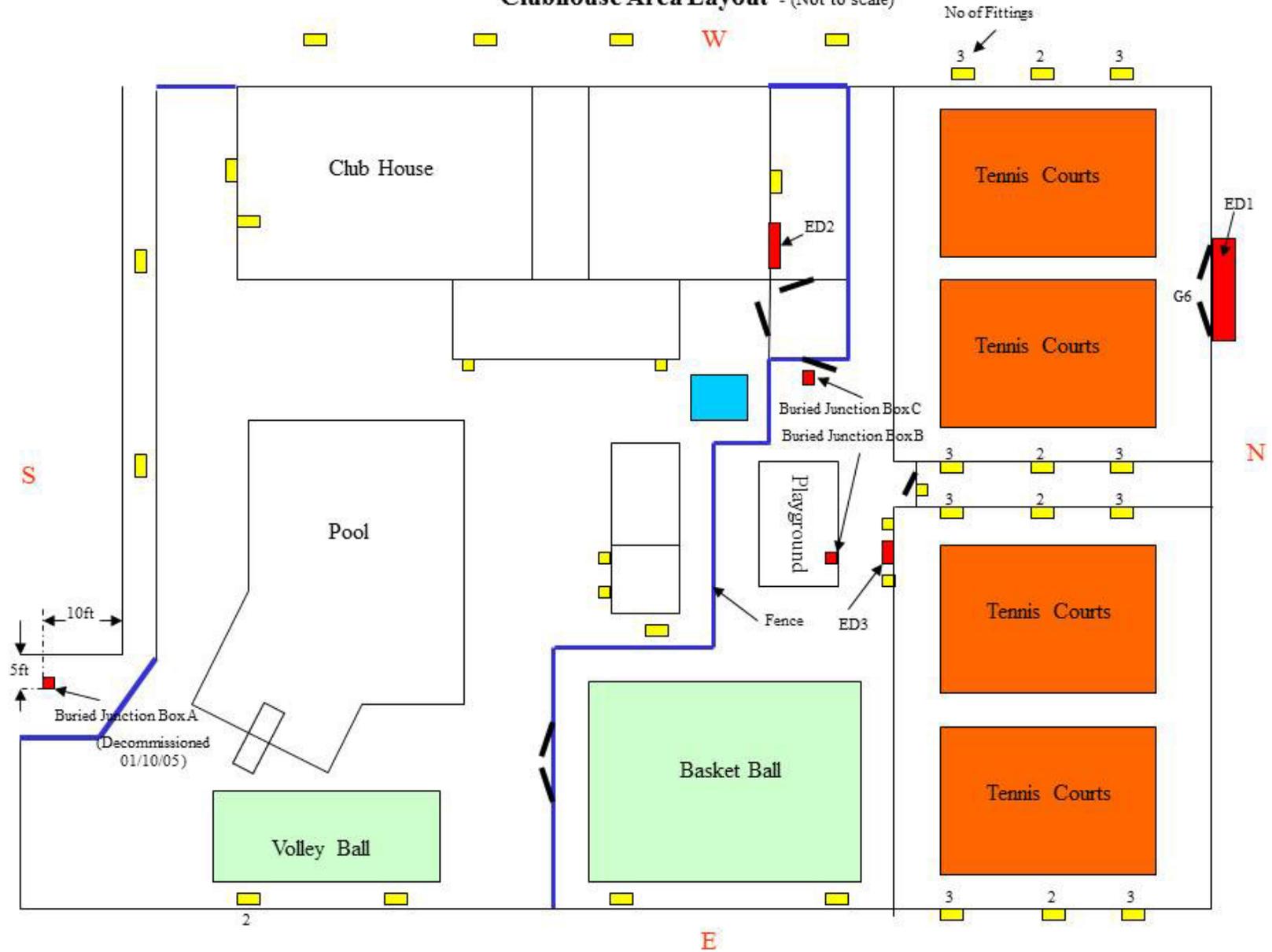
Last Revision – FEBRUARY 2024

D. J. Ellis

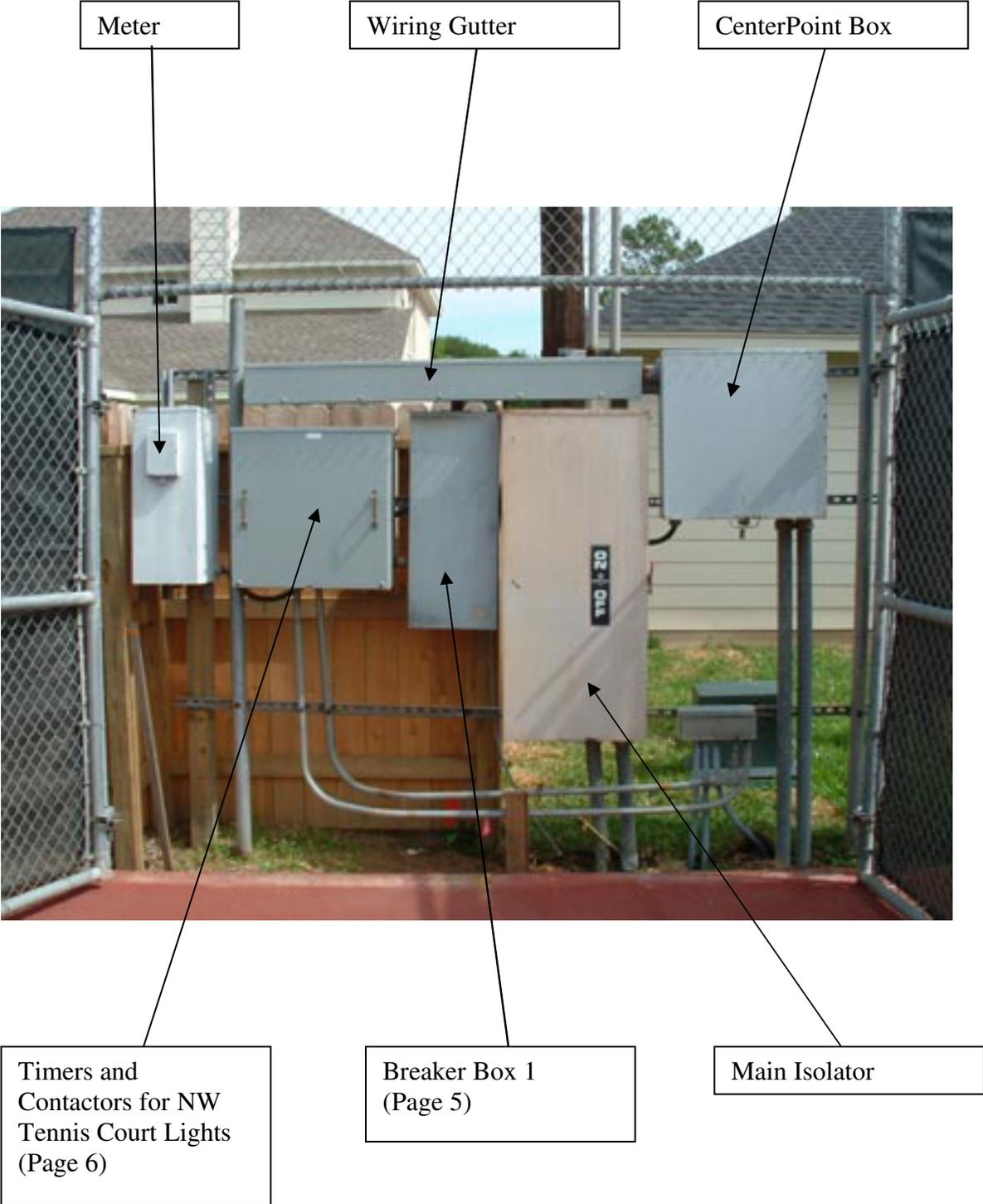
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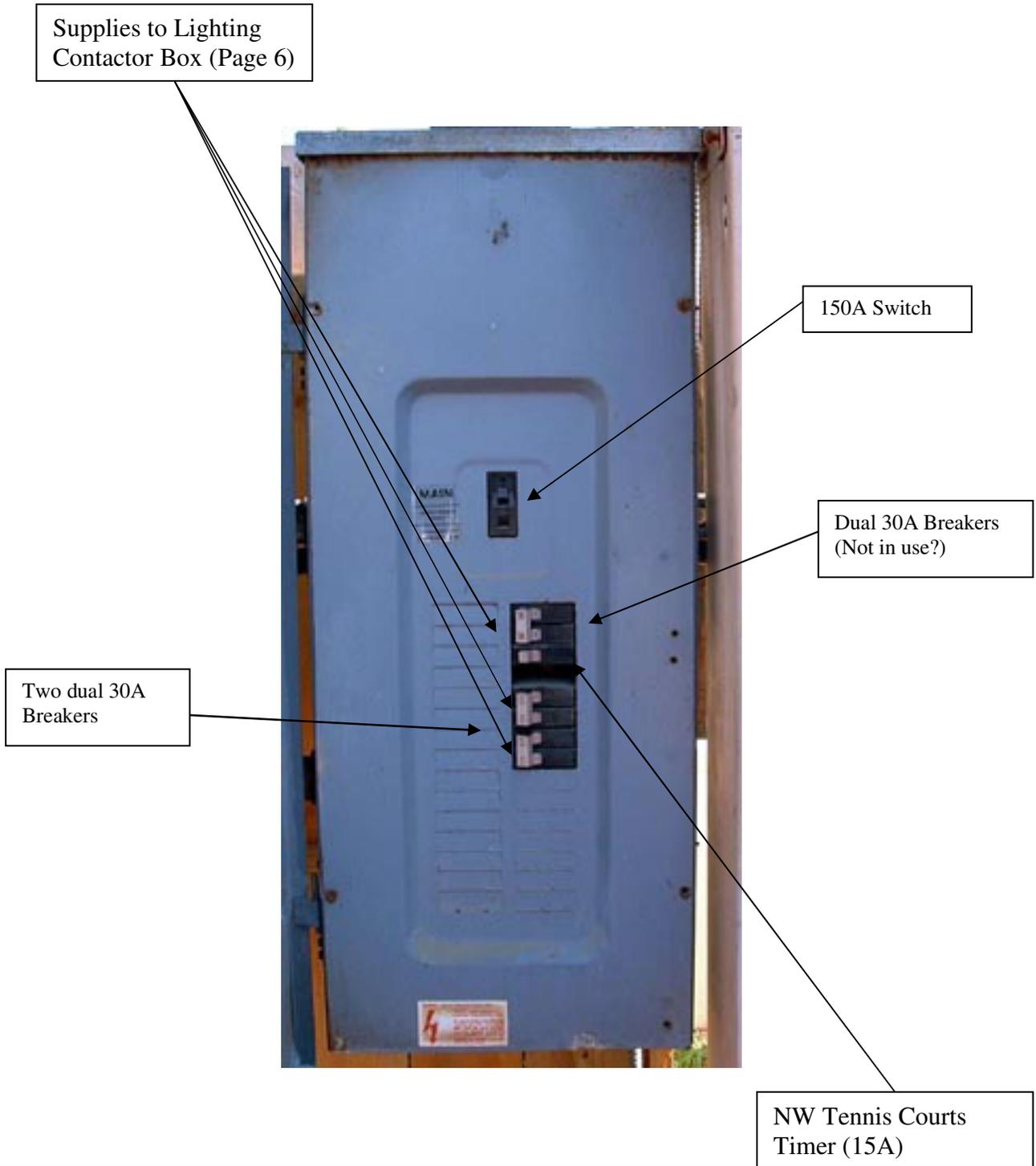
Clubhouse Area Layout - (Not to scale)



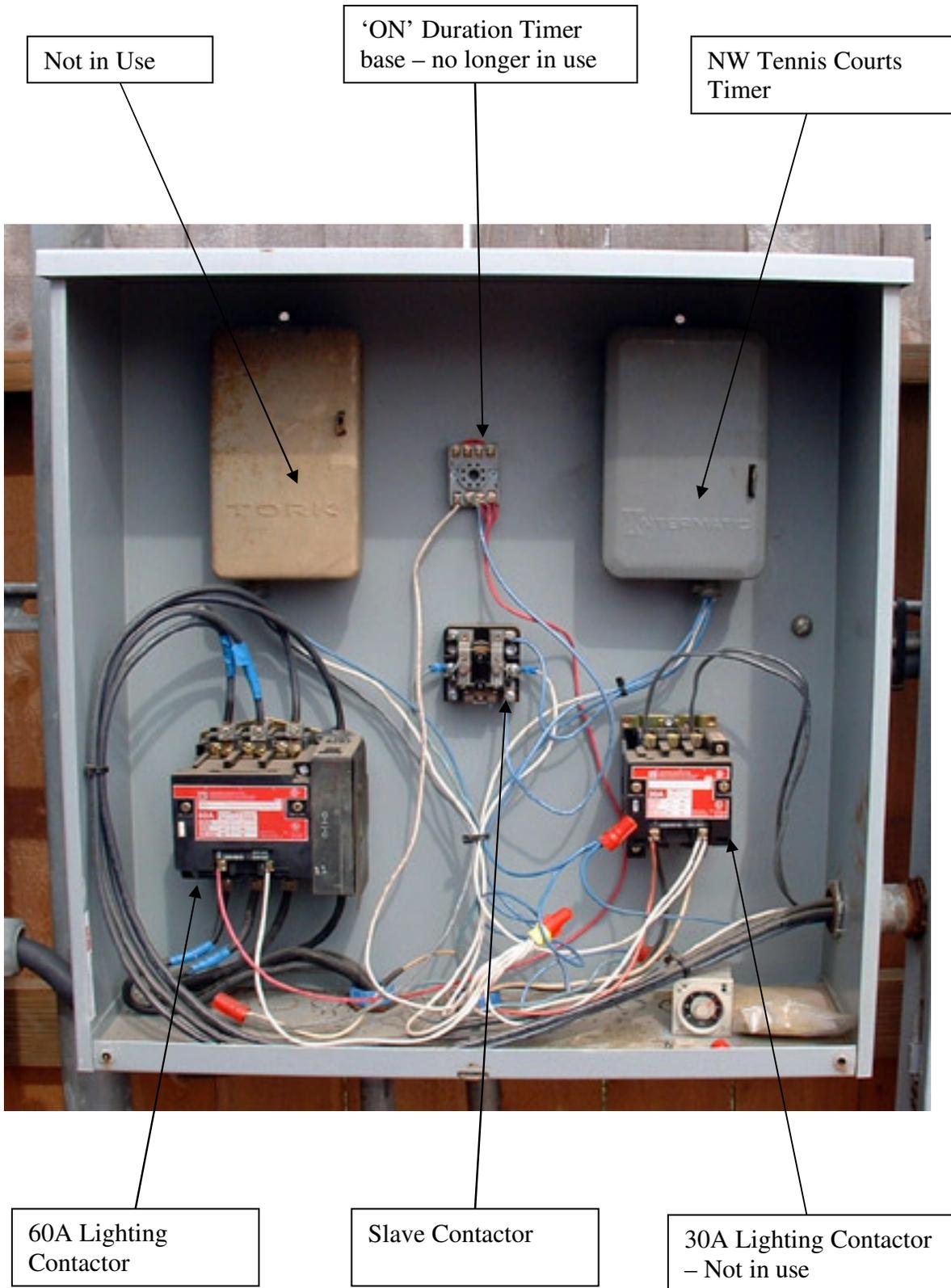
Main Supply Electrical Distribution (ED)1 - In NW Tennis Court



Main ED1 Breaker Box (in Tennis Courts)



ED1 Lighting Timer and Contactor Box (for NW Tennis Courts)



Tennis Court Distribution Box - ED3

Empty box – no longer in use

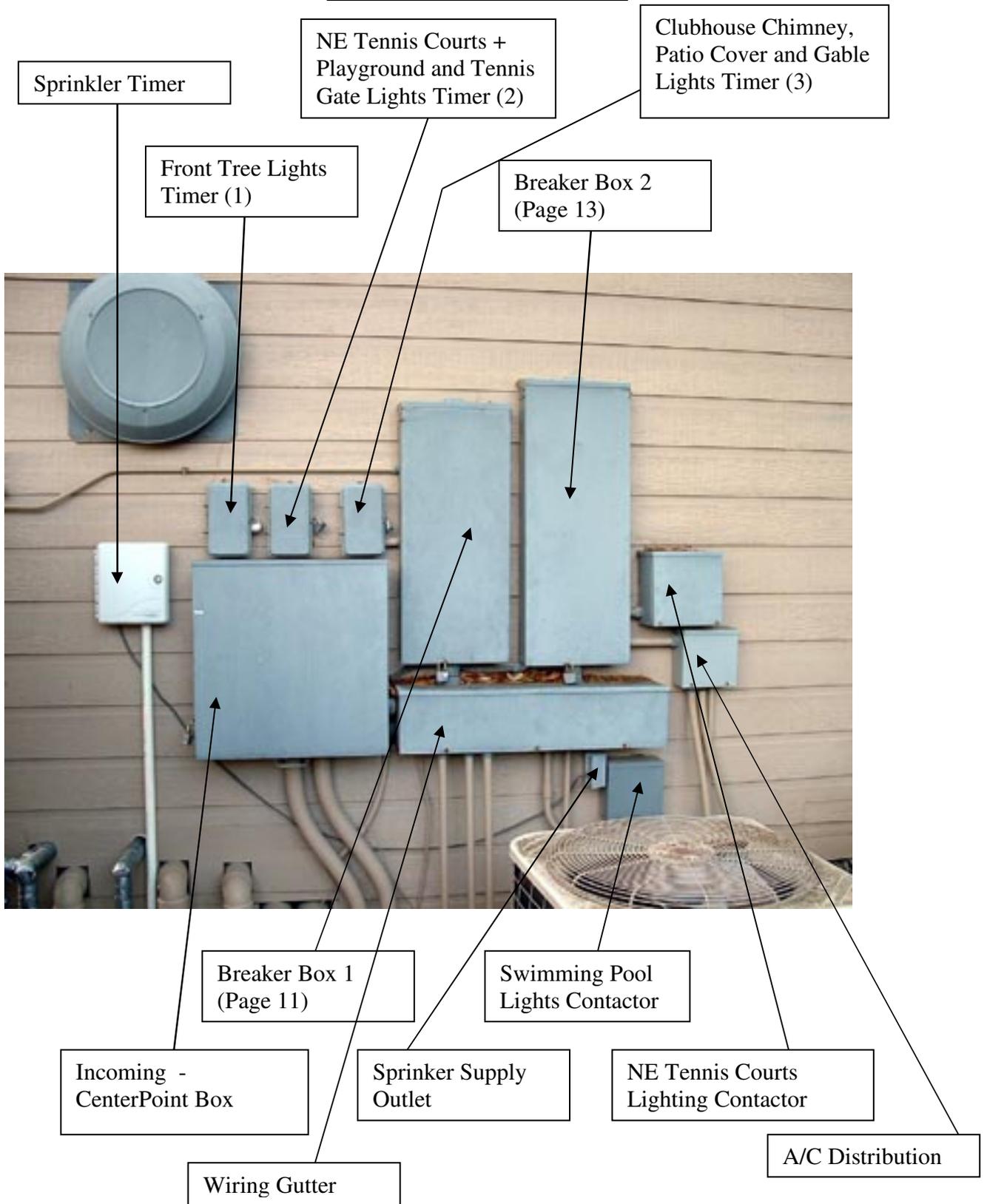
To Playground and
Tennis Gate Lights –
Fed from NE Tennis
Court Lights Timer (2)
then via photocell



GCFI Outlet – Fed from
breaker 1

Tennis Court Lighting
Distribution - Fed from
NE Tennis Court Lights
Timer (2)

Breaker Boxes and Timers ED2



Breaker Boxes and Timers ED2 – View 2

Timer (4) for Basketball Court lights, and
Volley Ball Court lights via the switch
below.



Switch for Volley Ball Court Lights controlled via the timer above it.

Timer 5 in Storage Shed – Not in Service



Parking Lot/Pool Overlook Lights

Lights overlooking Pool



Switch for the above Pool Lights

ED2 Breaker Box 1

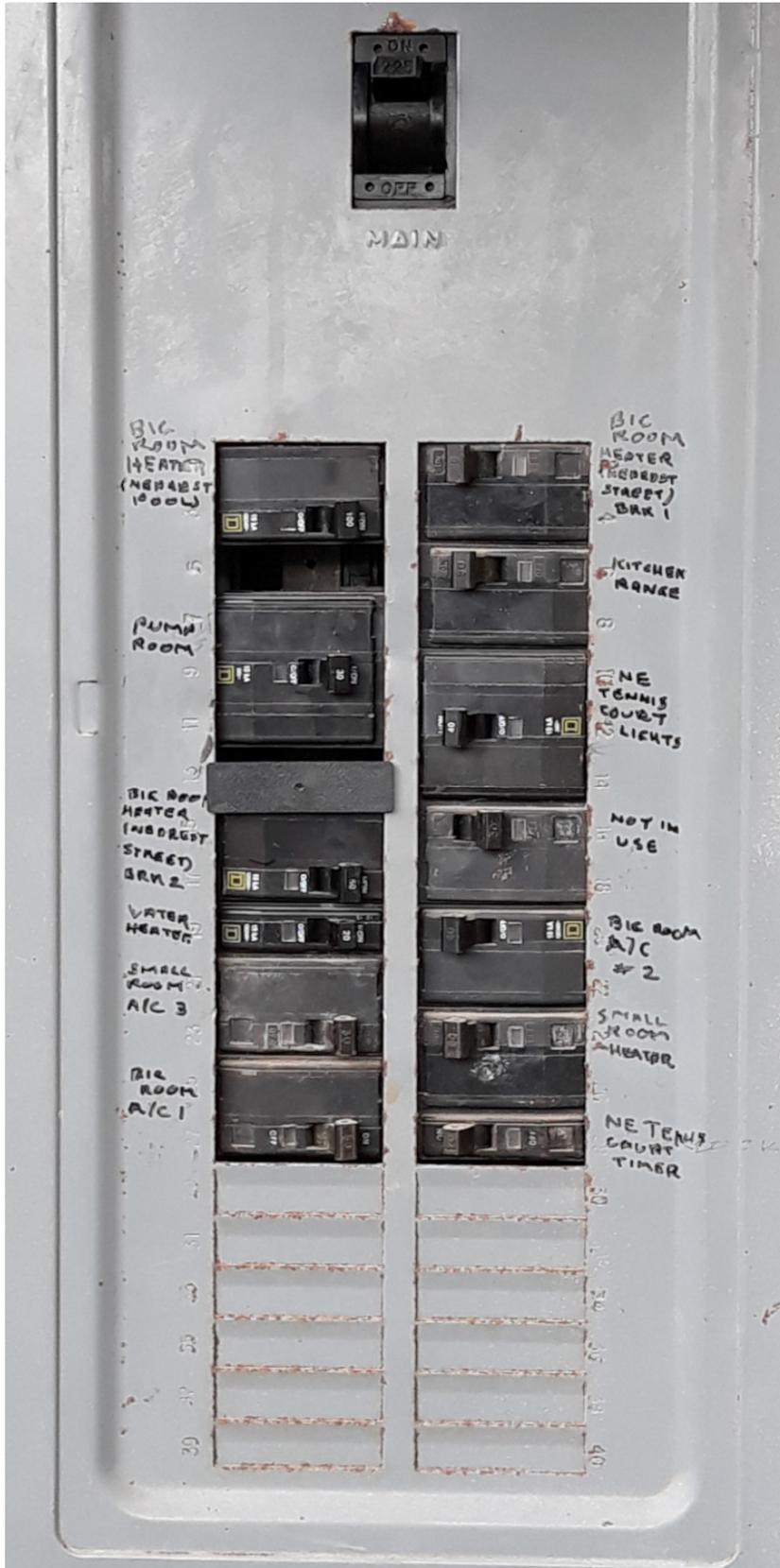


ED 2 Breaker Box 1 – Breaker Assignments

Row	Function	Amps	Function	Amps
1	Outlet on ED3 (opposite Playground) and tennis court cameras plus Timer (4) feeding Volley Ball Court lights via switch below timer	20	Kitchen Outlets (3)	20
			Not Identified	20
2	Not Identified - feeds via Timer 3 (previous basketball lights feed?)	20	Porch, Passage-way and Entry -way lights	20
	RH Timer (3) – Clubhouse Exterior Lights	20	Dishwasher, Garbage Disposal and Big Room Outlet on Kitchen Wall	20
3	Big Room Spotlights	20	Mens' and Ladies' Restroom lights, fans and GCFI outlets	20
	Ladies' Restroom Hand Dryer	20	Sprinkler Supply Outlet	20
4	Mens' Restroom Hand Dryer	20	Basketball Court Lights via Timer (4)	20
			Small Room+Ladies Room Entrance Lights	20
5	LH Timer (1) - Front Tree Lights	15	Outlets on Big Room interior W,S and E and exterior S walls+Car Park lights and cameras	20
			Club House Big Room Lights (10 LED Panels)	20
6	Not In Use	15	See Note 2 below	20
			Baby Pool Pump+Acid and Chlorine feed Pumps	20
7	Pool Lights (via contactor operated by switch in Guard Room)	30	Pump Room Extractor Fan	15
8			Microwave Oven	20
			Refrigerator	20
9	Blank Slot		Note 1* : Chemical Room Light and Fan, Water Fountain, Storage Rooms Lights (2), Pump House Lights, Guard Rool Light and Outlets.	
10	Blank Slot			
11	Cabana and Storage Shed+GCFI Outlets on Light Pole at rear of Storage Shed and basketball court cameras	20		Note 2 : Big Room Entrance Light, Big Room Fans, Chair and Table Storage Closet Lights, Attic Light
12	See Note 1	20	Kitchen Light, Utility Closet and Entrance Outlets	Outlet on Big Room N Wall (outside of Chair and Table Storage Closet) and DVR Closet outlet

* Note that the Guard Room light and outlet, and the adjacent storage room light are protected by a GCFI on the external wall

ED2 Breaker Box 2



ED 2 Breaker Box 2 – Breaker Assignments

Row	Function	Amps	Function	Amps
1	Club House Big Room Heater and Air Handling System - Unit nearest pool (Feeds two 60A breakers in unit)	100	Club House Big Room Heater and Air Handling System - Unit nearest street (Feeds one 60A breaker in unit)	60
2				
3			Kitchen Range	50
4	Main Pool Pump - 7.5 HP	30		
5			NE Tennis Court Lights	40
6				
7				
8	Club House Big Room Heater and Air Handling System - Unit nearest street (Feeds one 60A breaker in unit)	60	Not In Use	30
9				
10	Water Heater (in Attic)	20	A/C Unit 2 (Big Room)	40
11	A/C Unit 3 (Small Room)	30		
12			Heater and Air Handling System - Small Room and Rest Rooms	60
13	A/C Unit 1 (Big Room)	50		
14			Cntr Timer (2) - NE Tennis Court Lights	20

A/C Unit Identification

ED 2 Breaker Boxes and Timers

A/C 1

A/C 2

A/C 3

TIMERS SETTING CHART
 KATY, TEXAS
 Rise and Set for the Sun for 2020

Location: W095 49, N29 48

Astronomical Applications Dept.

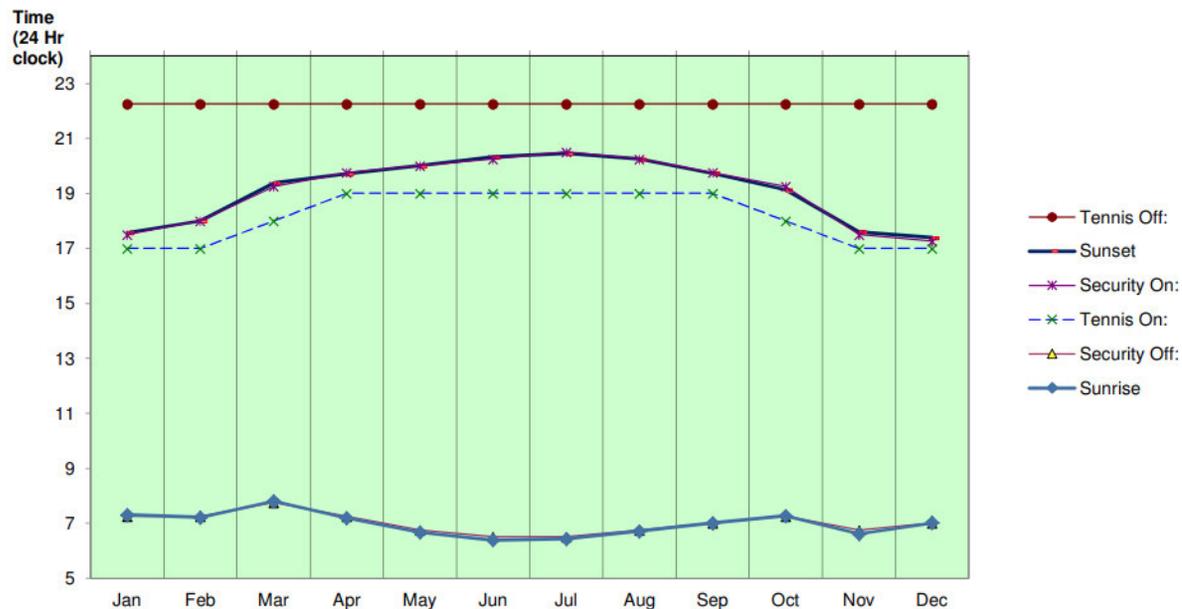
U. S. Naval Observatory
 Washington, DC 20392-5420

Central Standard Time on 1st of each month

Jan.		Feb.		Mar.		Apr.		May		June	
Rise (AM)	Set (PM)										
7:18	17:34	7:13	18:00	7:48	19:22	7:12	19:42	6:40	20:00	6:23	20:19
July		Aug.		Sept.		Oct.		Nov.		Dec.	
Rise (AM)	Set (PM)										
6:26	20:27	6:43	20:15	7:00	19:44	7:16	19:08	6:37	17:36	7:01	17:23

← Adjusted for DST

← Adjusted for DST



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Security On:	5:30 PM	6:00 PM	7:15 PM	7:45 PM	8:00 PM	8:15 PM	8:30 PM	8:15 PM	7:45 PM	7:15 PM	5:30 PM	5:15 PM
Security Off:	7:15 AM	7:15 AM	7:45 AM	7:15 AM	6:45 AM	6:30 AM	6:30 AM	6:45 AM	7:00 AM	7:15 AM	6:45 AM	7:00 AM
Tennis On:	5:00 PM	5:00 PM	6:00 PM	7:00 PM	6:00 PM	5:00 PM						
Tennis Off: (*)	10:15 PM											

(*) and pole light behind storage shed

= Daylight savings Time (DST)