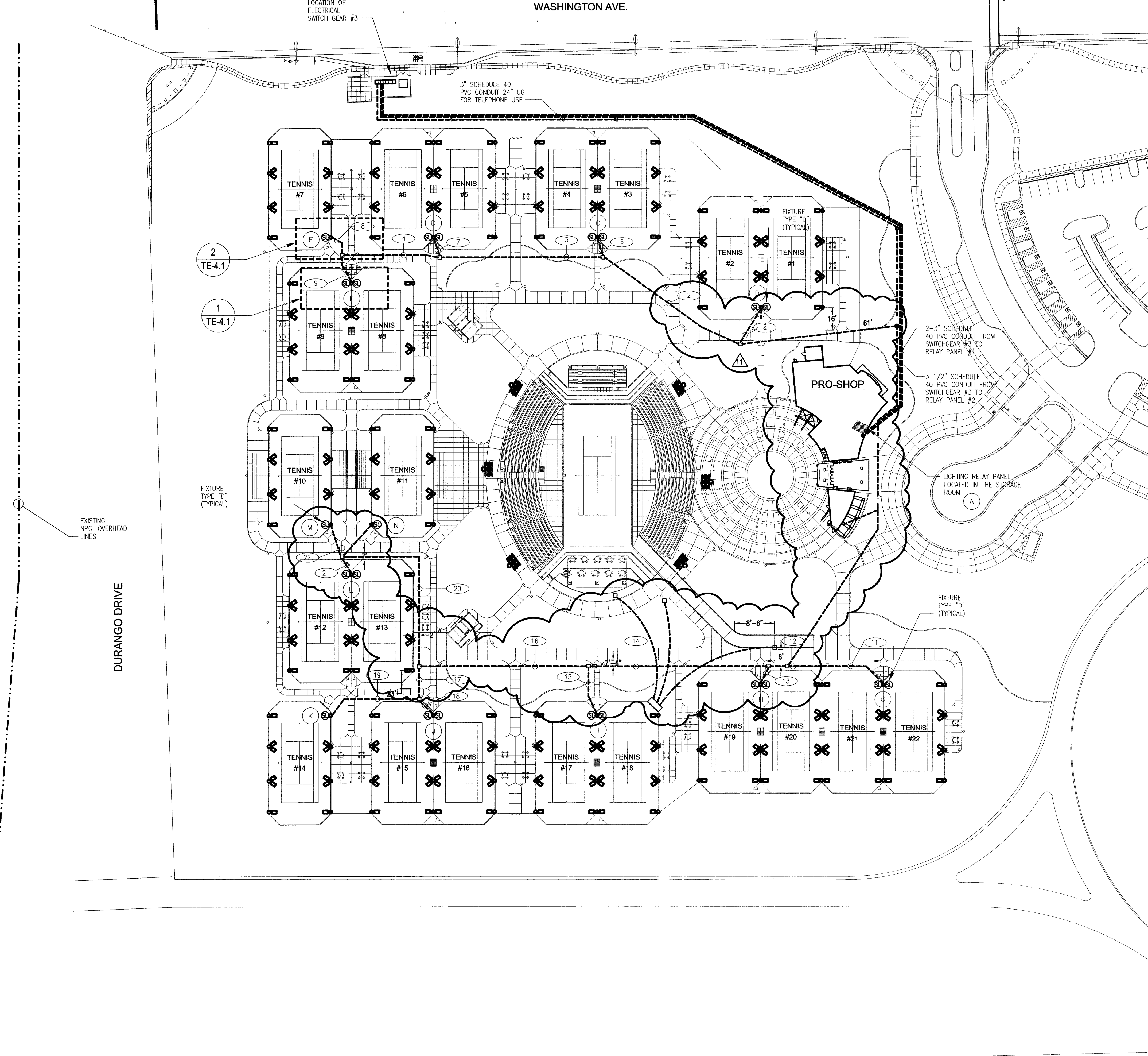




TENNIS COURT - STROBE LIGHT LAYOUT

SCALE: 1" = 50'-0"



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VOLTAGE DROPS									
TENNIS STROBE LIGHT FIXTURE									
POINT TO POINT	LENGTH IN FEET	LOAD CURRENT	WIRE SIZE & TYPE	CONDUIT SIZE	SOURCE VOLTAGE	VOLTAGE DROP	VOLTAGE DROP 3%	VOLTAGE @ POINT	
A-B	193'	5 AMPS	#10 THW	REFER TO CONDUIT AND WIRE LEGEND	120	2.34	1.95	117.66	
A-C	413'	5 AMPS	#8 THW		120	3.16	2.63	116.84	
A-D	585'	5 AMPS	#6 THW		120	2.92	2.43	117.08	
A-E	725'	5 AMPS	#6 THW		120	3.56	2.97	116.41	
A-F	730'	5 AMPS	#6 THW		120	3.58	2.99	116.42	
A-G	385'	5 AMPS	#8 THW		120	2.94	2.45	117.06	
A-H	490'	5 AMPS	#6 THW		120	2.41	2.00	117.59	
A-I	600'	5 AMPS	#6 THW		120	2.95	2.46	117.05	
A-J	775'	5 AMPS	#4 THW		120	2.39	1.99	117.61	
A-K	875'	5 AMPS	#4 THW		120	2.69	2.25	117.31	
A-L	908'	5 AMPS	#4 THW		120	2.80	2.33	117.20	
A-M	943'	5 AMPS	#4 THW		120	2.90	2.42	117.10	
A-N	960'	5 AMPS	#4 THW		120	2.96	2.40	117.04	

CONDUIT AND WIRE LEGEND - TENNIS COURT STROBE LIGHTS		
KEYNOTES	CONDUIT SIZE	NUMBER OF WIRES AND TYPE
1	2 1/2" C	4 - #10 THW + 4 - #8 THW + 4 - #6 THW + 6 - #4 THW + GND
2	2 1/2" C	4 - #8 THW + 4 - #6 THW + 6 - #4 THW + GND
3	2" C	4 - #6 THW + 6 - #4 THW + GND
4	1 1/2" C	6 - #4 THW + GND
5	1 1/4" C	4 - #10 THW + GND
6	1 1/4" C	4 - #8 THW + GND
7	1 1/4" C	4 - #6 THW + GND
8	1 1/4" C	2 - #4 THW + GND
9	1 1/2" C	4 - #4 THW + GND
10	3 1/2" C	4 - #8 THW + 8 - #6 THW + 14 - #4 THW + GND
11	1 1/4" C	4 - #8 THW + GND
12	3" C	8 - #6 THW + 14 - #4 THW + GND
13	1 1/2" C	4 - #6 THW + GND
14	3" C	4 - #6 THW + 14 - #4 THW + GND
15	1 1/4" C	4 - #6 THW + GND
16	3" C	14 - #4 THW + GND
17	2" C	6 - #4 THW + GND
18	1 1/2" C	4 - #4 THW + GND
19	1 1/4" C	2 - #4 THW + GND
20	2 1/2" C	8 - #4 THW + GND
21	1 1/2" C	4 - #4 THW + GND
22	1 1/2" C	4 - #4 THW + GND
23	1 1/4" C	2 - #4 THW + GND

GENERAL NOTE

- 1 PROVIDE AND INSTALL SCHEDULE 40 PVC CONDUIT FOR ALL UNDERGROUND RUNS

SYMBOL LEGEND

- XX DISTANCE POINTS



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TENNIS COURT - STROBE LIGHT LAYOUT

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DRAWN: GS
FILE: TE-1.4
DATE: 7/03
SCALE: 1" = 50'-0"
REV NO: 03 (534) 01
CLYDEND: 650' 16" 1A
SHEET NO: TE-1.4

RECORD DRAWING