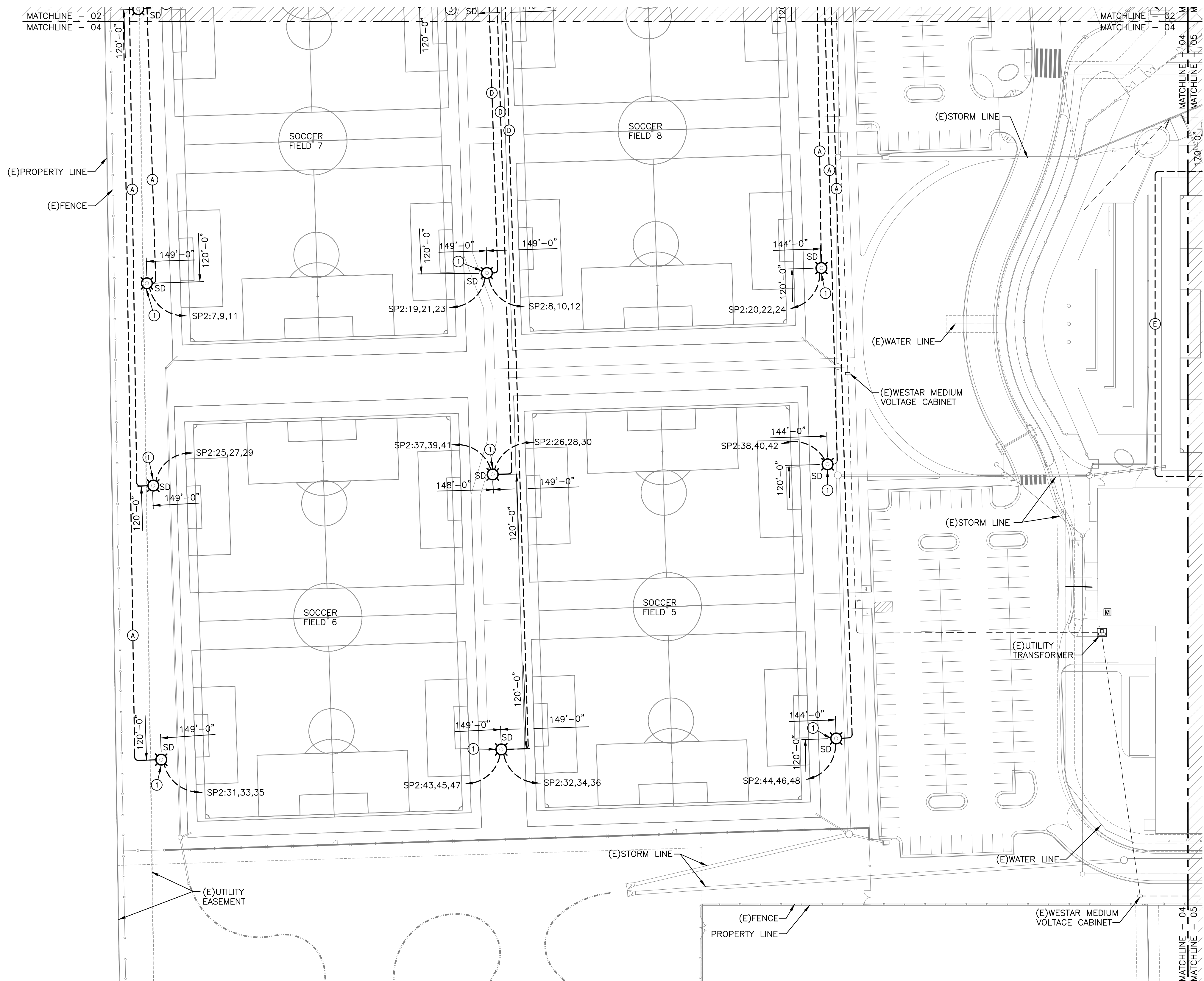


J:\PROJECTS\2017\1701010567\_COW\_STRYKER\_170567\_CAD\SHS10 BLOG MEPS\SPORTS LIGHTING PLAN.DWG  
 PLOTTED: Wednesday, April 25, 2018 @ 03:26PM



**ELECTRICAL SITE PLAN - AREA C**  
 SCALE: 1" = 50'-0"

FIXTURE LEGEND	
	SPORTS LIGHTING
HATCH LEGEND	
	AREA NOT COVERED ON THIS SHEET.

- GENERAL NOTES**
- EXISTING CONDITIONS SHOWN ON THE DRAWINGS WERE TAKEN FROM ORIGINAL DOCUMENTS AND FIELD OBSERVATIONS. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS. E.C. SHALL VISIT THE JOBSITE PRIOR TO BID AND VERIFY ALL EXISTING CONDITIONS.
  - UPON COMPLETION OF PROJECT, E.C. SHALL PROVIDE A FULL TYPED AND UPDATED PANEL DIRECTORY FOR EACH PANELBOARD AFFECTED BY THE SCOPE OF THIS PROJECT.
  - FEEDER ROUTING INDICATED ON THE DRAWINGS DOES NOT INDICATE NEC CODE REQUIRED PULL BOXES. E.C. SHALL BE RESPONSIBLE FOR LOCATING AND INSTALLING REQUIRED PULL BOXES FOR EACH FEEDER.
  - PROVIDE AND INSTALL 12"x12"x12" TIER 22 IN-GRADE OPEN BOTTOM QUAZITE BOX OR EQUAL ADJACENT TO ALL SPORTS LIGHTING POLES ON FIELDS. TO ROUTE CONDUCTORS THROUGH BOXES PRIOR TO ENTERING POLE BASE.

- KEYED NOTES**
- PROVIDE AND INSTALL SPORTS LIGHTING BASE, POLE, FIXTURES, DRIVERS, ETC. PER SPECIFICATIONS.

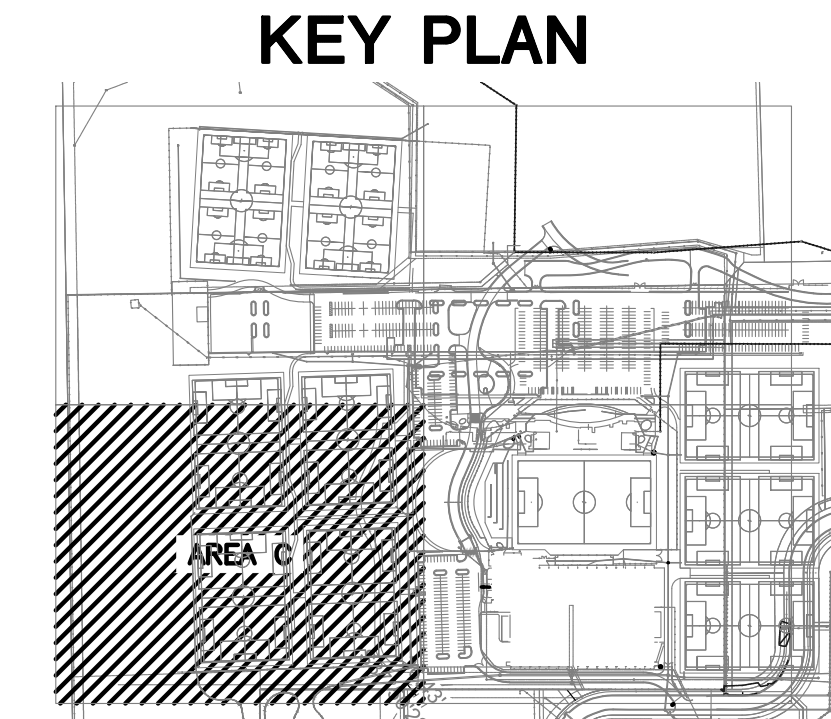
**FEEDER SCHEDULE**

(A)	PROVIDE (3)-#10, (1)-#10 GND IN EXISTING 1" CONDUIT FOR SPORTS LIGHTING POWER.
(D)	PROVIDE (3)-#10, (1)-#10 GND IN EACH EXISTING 1" CONDUIT FOR SPORTS LIGHTING POWER. (2) CONDUITS PER POLE.
(E)	PROVIDE (2)-#4, (1)-#10 GND IN EXISTING 1" CONDUIT FOR SPORTS LIGHTING POWER.

**CONSTRUCTION SEQUENCE**

THE CONTRACTOR SHALL COORDINATE ALL INSTALLATIONS WITH NATIONAL BUILDERS, MULTICON, MKEC, AND THE CITY TO ENSURE PROPER ACCESS TO ALL LOCATIONS IS PROVIDED AND OTHER TRADES ARE NOT AFFECTED BY THIS WORK. ANY DAMAGE TO THE TURF, SUBGRADE, DRAINAGE, UTILITIES, AND GRADING CAUSED DURING THE INSTALLATION OF THE SPORTS LIGHTING SHALL BE CORRECTED TO THE SATISFACTION OF MKEC AND THE CITY PRIOR TO COMPLETION OF THE PROJECT. REFERENCE ALL AVAILABLE GRADING DRAWINGS, GEOTECHNICAL REPORTS, AND CONSTRUCTION PACKAGES FOR ADDITIONAL INFORMATION THAT MAY AFFECT YOUR BID SUCH AS GRADE CHANGES, CONSTRUCTION SEQUENCE OF THE FIELDS, ERECTION OF THE INDOOR FACILITY AND STADIUM IMPROVEMENTS, ETC. THE CONTRACTOR SHALL SUBMIT IN WRITING WITH THEIR BID CONFIRMATION THAT THE INSTALLATION OF ALL SYSTEMS REQUIRED FOR A FULLY OPERATIONAL SPORTS LIGHTING PACKAGE FOR EACH FIELD CAN BE CONSTRUCTED WHILE MAINTAINING A 3'-0" CLEARANCE FROM THE EDGE OF ANY PLAYING FIELD. ANY CRANES USED SHALL BE A TRACK TYPE TO BETTER DISTRIBUTE THE WEIGHT OVER A LARGER AREA.

DRIVER REQUIREMENTS:  
 DRIVERS FOR ALL NEW SPORTS LIGHTING SHALL BE CAPABLE OF OPERATING WITHIN A VOLTAGE RANGE OF 347V-480V. IF DRIVERS ARE NOT CAPABLE OF OPERATING WITHIN THIS RANGE THE MANUFACTURER MUST INCLUDE IN THEIR BID PRICE ANY INCREASE IN CONDUCTOR SIZE TO DECREASE VOLTAGE DROP SO IT IS WITHIN THE RANGE OF THE PROVIDED DRIVER.



PHASE 5 - SPORTS FIELD LIGHTING  
**STRYKER SPORTS**  
 WICHITA, KANSAS



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ELECTRICAL SITE PLAN - AREA C	
PROJECT NO.	1701010567
DATE	04-25-18
SCALE	1"=50'-0"
DESIGNED	CNG
DRAWN	ECW
CHECKED	JRBW
0	ISSUED FOR CONST. 04-25-18
NO.	REVISION DATE
SHEET NO. 04	