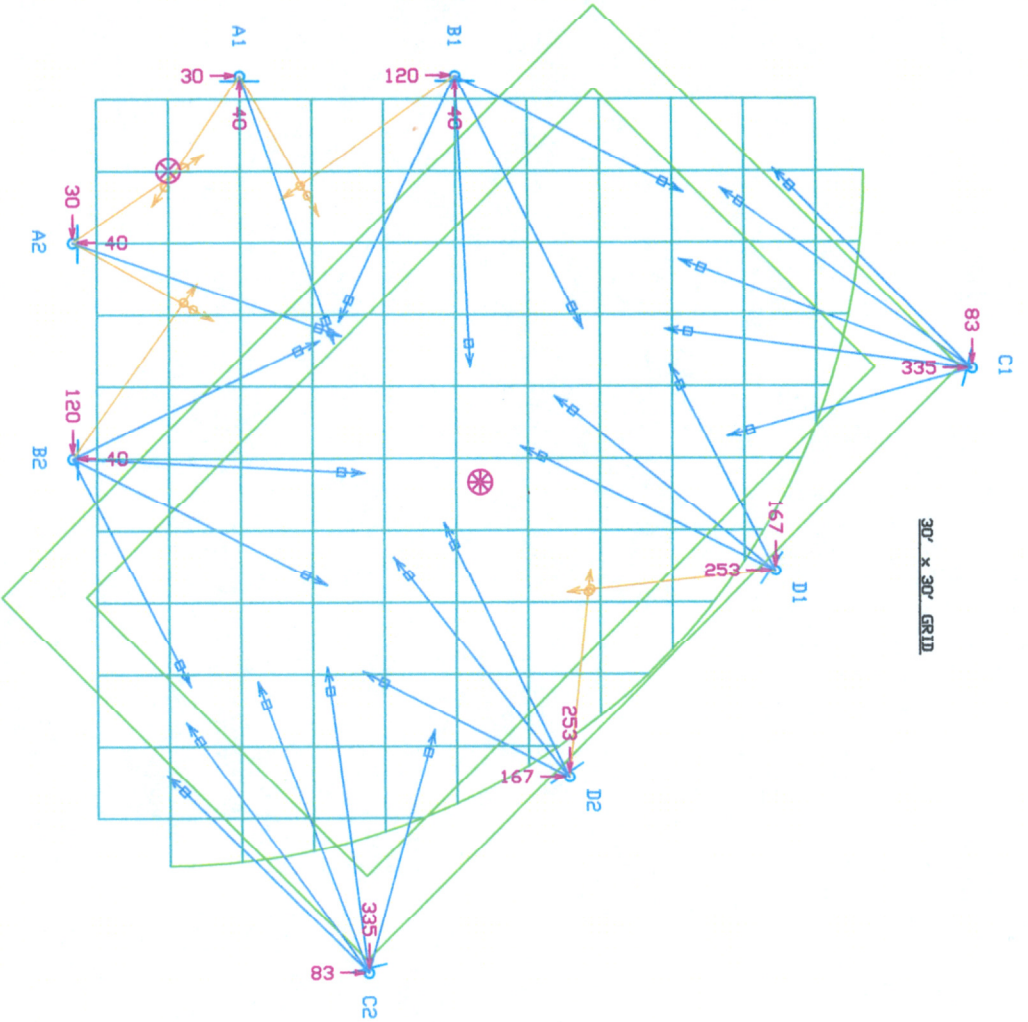


TOWN OF GLASTONBURY - FURNISH & INSTALL SOFTBALL SPORTSLIGHTING (RETROFIT)  
 DETAILED SPECIFICATIONS

BID #GL-2009-11



NOTES: 1. DIMENSIONS ARE IN FEET & ORIGINATE FROM EACH FIELD'S CENTER  
 2. MOUNTING HEIGHT ( ) ABOVE PLAYING SURFACE

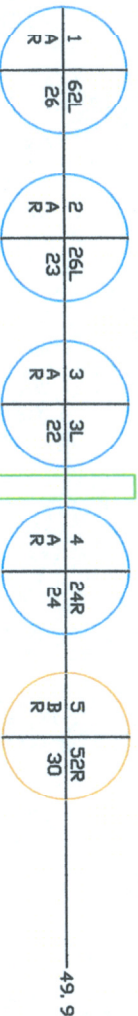
MTG. LOC. A1, (X, Y) = (-40, 30), NDM, MTG. HT. 50', CROSSARM BEARING 90 DEG.



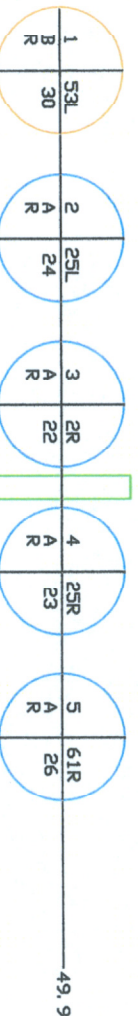
MTG. LOC. A2, (X, Y) = (30, -40), NDM, MTG. HT. 50', CROSSARM BEARING 0 DEG.



MTG. LOC. B1, (X, Y) = (-40, 120), NDM, MTG. HT. 50', CROSSARM BEARING 90 DEG.



MTG. LOC. B2, (X, Y) = (120, -40), NDM, MTG. HT. 50', CROSSARM BEARING 0 DEG.



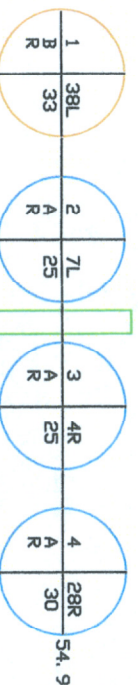
MTG. LOC. C1, (X, Y) = (83, 335), NDM, MTG. HT. 55', CROSSARM BEARING 194 DEG.



MTG. LOC. C2, (X, Y) = (335, 83), NDM, MTG. HT. 55', CROSSARM BEARING 256 DEG.



MTG. LOC. D1, (X, Y) = (167, 253), NDM, MTG. HT. 55', CROSSARM BEARING 213 DEG.



MTG. LOC. D2, (X, Y) = (253, 167), NDM, MTG. HT. 55', CROSSARM BEARING 237 DEG.



LUMINAIRE SCHEDULE			
LUMINAIRE TYPE	REFLECTOR NUMBER	CATALOG NUMBER	
A	RMK	SL1500HMK	
B	RRK	SL1500HKW	

1. ARROWS INDICATE AIMING POINTS  
 2. FOR BEST RESULTS FINAL AIMING AND ADJUSTMENTS TO BE AT NIGHT

LUM. NO.	AIMING COORDINATES		
	X	Y	Z
MTG. LOC. A1			
1	19.0	63.0	0.0
2	72.0	69.0	0.0
3	15.0	-7.0	0.0
MTG. LOC. A2			
1	-7.0	15.0	0.0
2	69.0	72.0	0.0
3	63.0	19.0	0.0
MTG. LOC. B1			
1	9.0	215.0	0.0
2	66.0	173.0	0.0
3	82.0	126.0	0.0
4	63.0	71.0	0.0
5	12.0	47.0	0.0
MTG. LOC. B2			
1	47.0	12.0	0.0
2	71.0	63.0	0.0
3	126.0	82.0	0.0
4	173.0	66.0	0.0
5	215.0	9.0	0.0
MTG. LOC. C1			
1	111.0	233.0	0.0
2	66.0	207.0	0.0
3	37.0	213.0	0.0
4	7.0	230.0	0.0
5	-1.0	252.0	0.0
MTG. LOC. C2			
1	252.0	-1.0	0.0
2	230.0	7.0	0.0
3	213.0	37.0	0.0
4	207.0	66.0	0.0
5	233.0	111.0	0.0
MTG. LOC. D1			
1	176.0	166.0	0.0
2	113.0	147.0	0.0
3	94.0	161.0	0.0
4	81.0	209.0	0.0
MTG. LOC. D2			
1	209.0	81.0	0.0
2	161.0	94.0	0.0
3	147.0	113.0	0.0
4	166.0	176.0	0.0

AIMING POINTS: Aiming point coordinates (X, Y, Z) are relative to field/plan origin @ (0, 0)

IMPORTANT - READ THIS NOTE  
 DEGREE AIMING: Readings are taken from BEHIND THE POLE (Mtg. Loc.) looking toward field.  
 Pre-aiming luminaires using this degree aiming chart may save some pole top labor. However, because of numerous mounting variables, actual installation may require some final target and/or night aiming adjustment to meet calculated results.



NOTES  
 1. THIS LIGHTING DESIGN IS BASED ON LIMITED INFORMATION SUPPLIED BY OTHERS TO HUBBELL LIGHTING. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.  
 2. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.  
 3. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE DIVER'S REPRESENTATIVE.

REFERENCE (MODEL) 0318526

ACADEMY FIELD

GLASTONBURY, CT

AIMING DIAGRAM USING EXIST. POLES BY OTHERS

Hubbell Lighting Application Services  
 DATE: 05-11-07  
 DRAWING NO.: 0735132X

DRAWING NO. 0735132

Graphic Scale