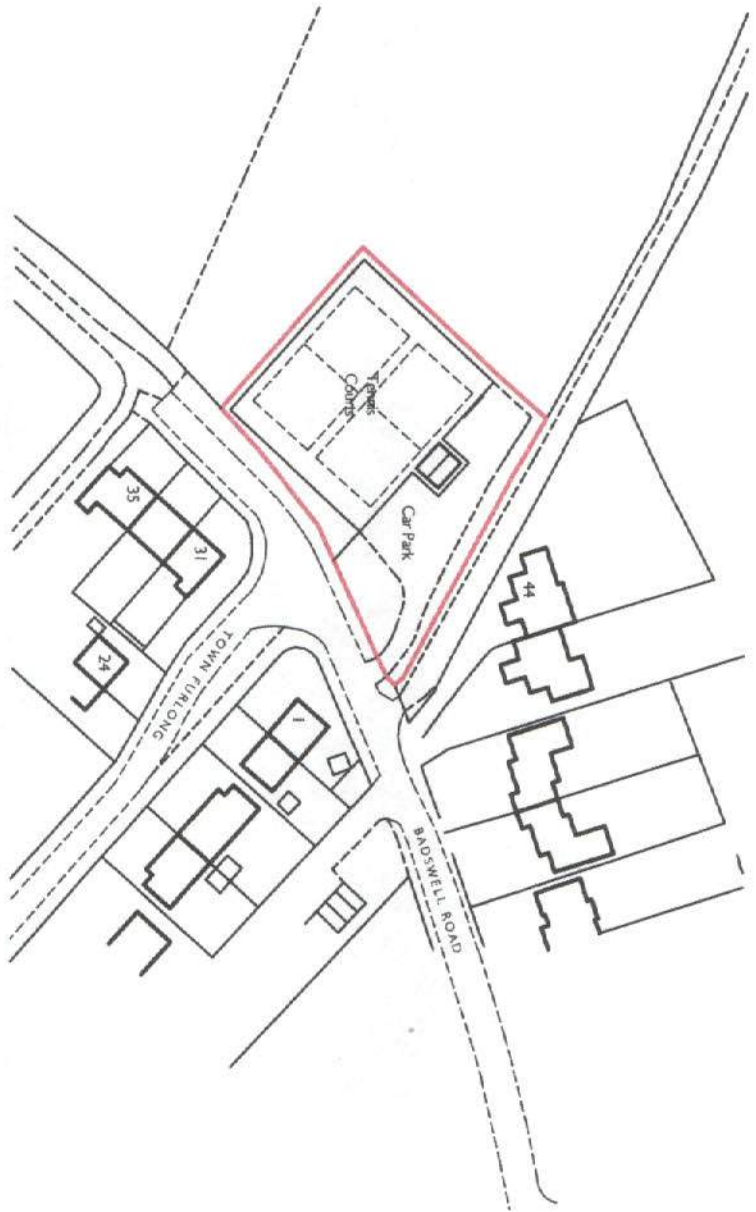


ORIGINAL DRAWING SCALE IN A4 FORMAT



1:1250

DRAWING TO BE SCALED IN A4 FORMAT

Project: PROPOSED FLOODLIGHTING SCHEME AT APPLETON WITH EATON TENNIS CLUB

Drawing: LOCATION PLAN

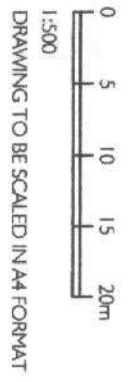
Scale 1:1250 Date May 15 Drawn AM

Dwg No: 2153-LP-01

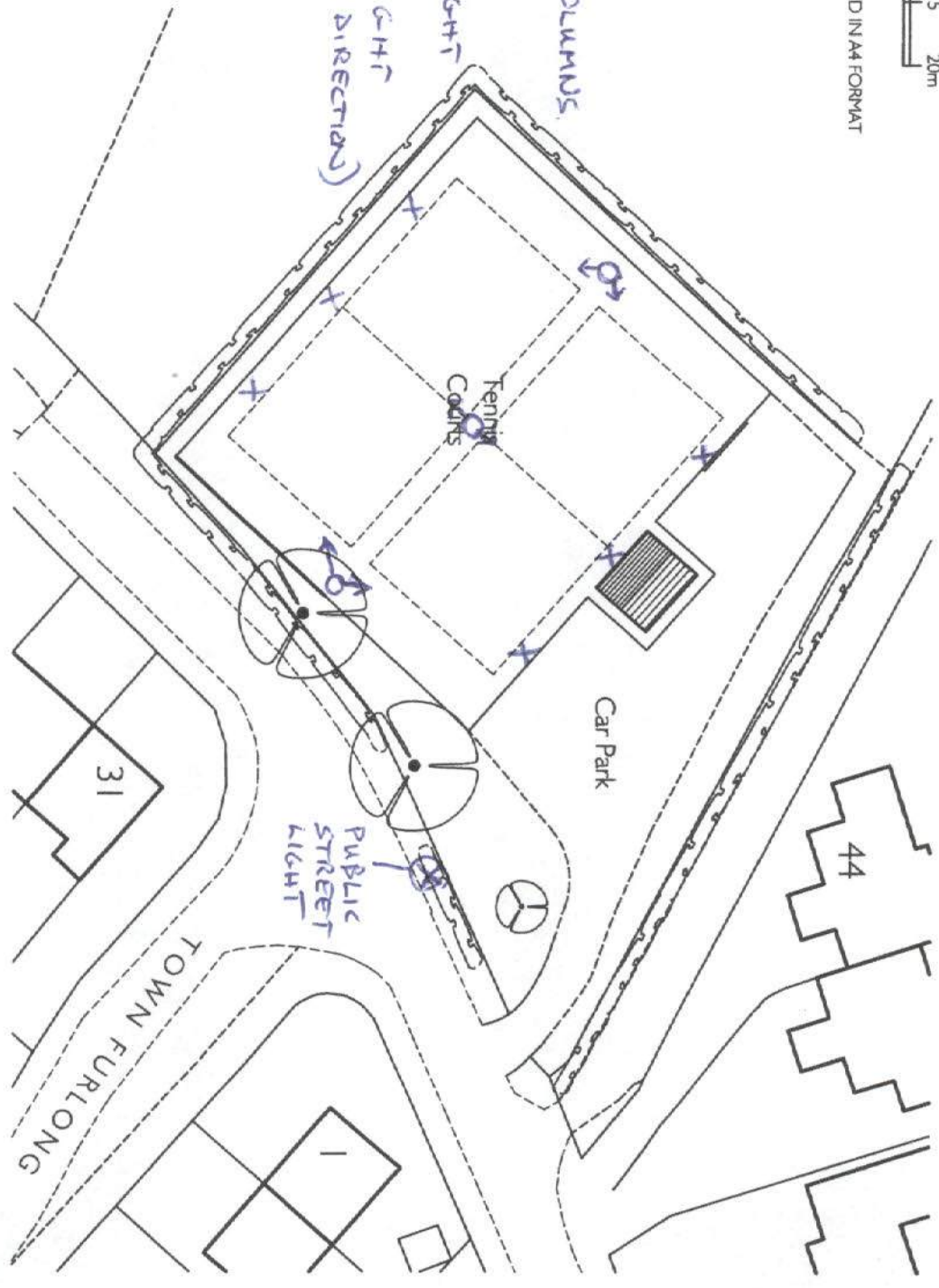
Andrew Melton, Architect

45 North Bar Street, Banbury, Oxon, OX16 0TH
Tel: 01295 261118, Mobile 07956 855132

Andrew Melton BA(Hons) Dip Arch, A88 Registered Architect



LIGHTING COLUMNS
SHOWN AS
X = SINGLE LIGHT
O = DOUBLE LIGHT
(ARROW FOR DIRECTION)



Project: PROPOSED FLOODLIGHTING SCHEME AT APPLETON WITH EATON TENNIS CLUB

Drawing: SITE PLAN

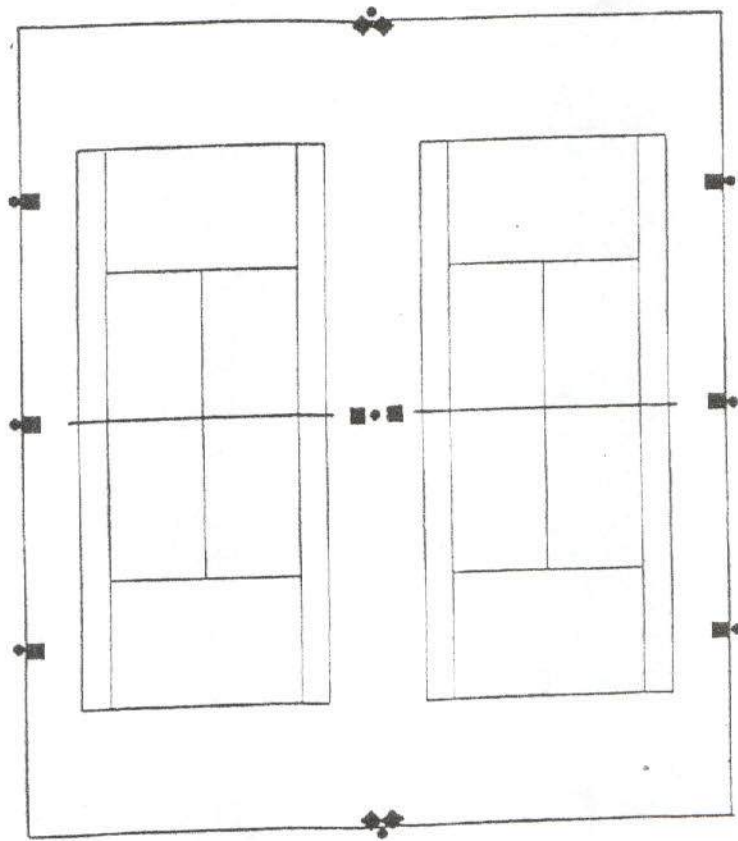
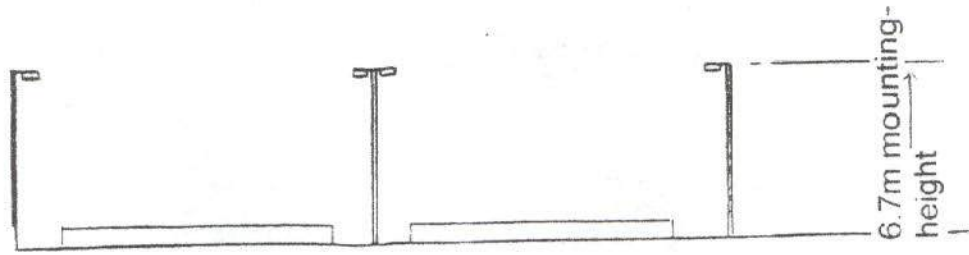
Scale: 1:500 Date: May 15 Drawn: AM

Dwg No: 2153 - 01

Andrew Melton, Architect

45 North Bar Street, Sandbury, Oxon, OX16 0TH
Tel: 01295 261118, Mobile 07956 855132

Andrew Melton BA (Hons) Dip Arch ABB Registered Architect

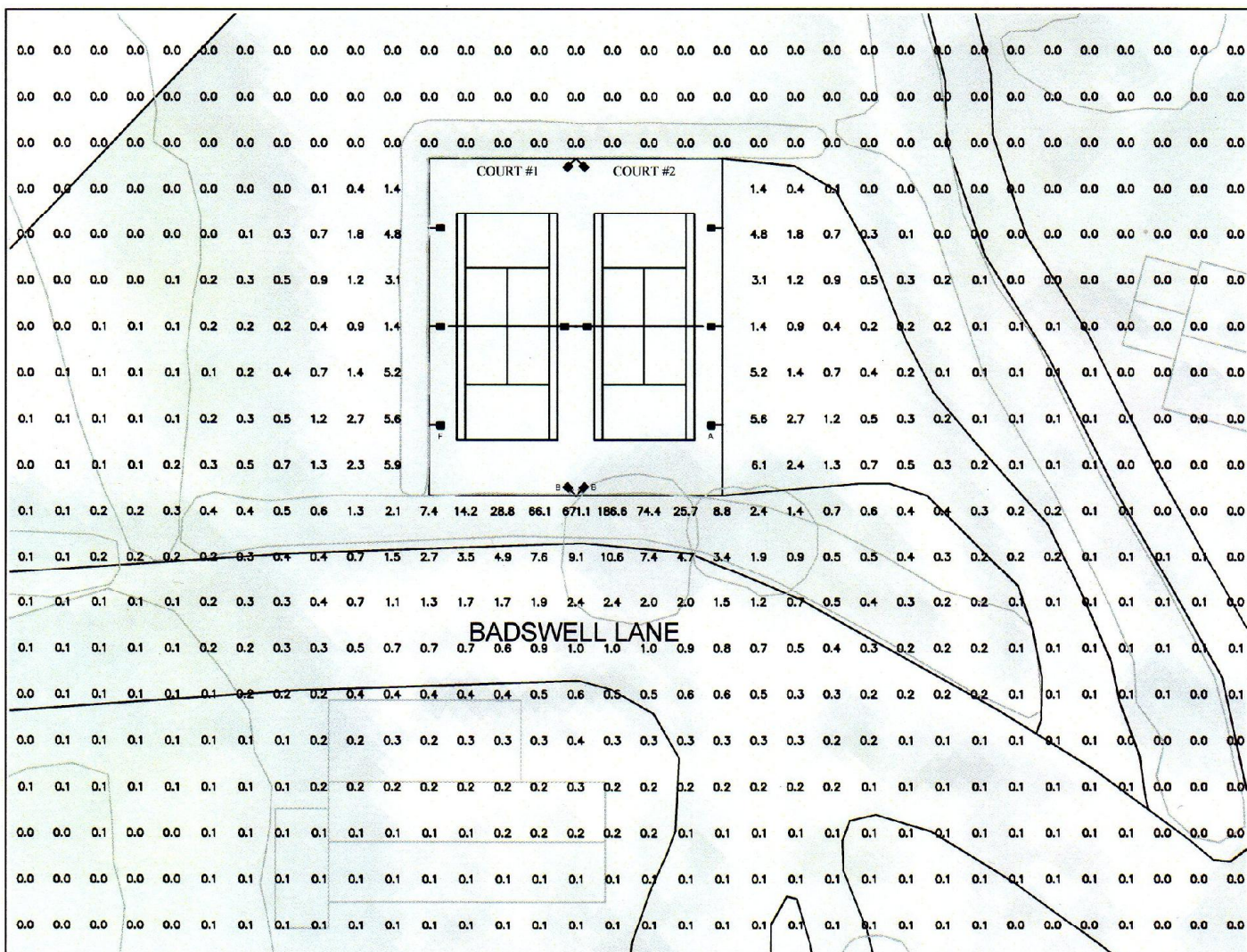


'LO-LINE EC'

12 No: RLS TE/1000/EC Floodlights
mounted on 9 No: Columns, 6.7 metre
mounting-height

Appletan Tennis Club light system proposal.

Appleton LTC: 5. Vertical Spillage at 4 metres high with all courts lit

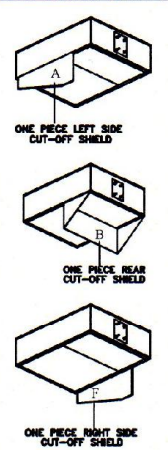


RLS-TE-1000 E.C.
ITL # 45909
6.7m MOUNTING HT.
3° TILT
VERTICAL
SPILLAGE

ILLUMINANCE (LUX)

Vert Spillage	1146 points at z=4
VERTICAL LUX, observer facing South	
Average	1.2
Maximum	671.1
Minimum	0.0
Min/Avg(Uo)	0.000
Min/Max	0.000
Coef Var	17.941
UniGrad	N/A

LIGHT CONTROL SHIELDS



RLS-TE-1000 E.C.

→ SEE LISTING FOR RLS-TE-1000 E.C. IN THE LISTING. HORIZONTAL POSITION: 100°

→ SEE LISTING FOR RLS-TE-1000 E.C. IN THE LISTING. HORIZONTAL POSITION: 100°

→ SEE LISTING FOR RLS-TE-1000 E.C. IN THE LISTING. HORIZONTAL POSITION: 100°

→ SEE LISTING FOR RLS-TE-1000 E.C. IN THE LISTING. HORIZONTAL POSITION: 100°

→ SEE LISTING FOR RLS-TE-1000 E.C. IN THE LISTING. HORIZONTAL POSITION: 100°

- NOTES:**
- ILLUMINATION LEVELS ARE CALCULATED WITH A 0.8 LIGHT LOSS FACTOR AT PLAYING SURFACE AND COMPUTED FROM ILL TESTING #45907, #45908 & #45909.
 - BASED ON 100 OPERATING HOURS. COMPUTER CALCULATIONS ARE PREPARED WITH A BALLAST FACTOR OF 1.00 AND A LAMP LUMEN FACTOR OF 107,800 AS PER LAMP MANUFACTURERS SPECIFICATIONS. ILLUMINATION (LUX) READINGS ARE COMPUTER DERIVED FROM ILL TESTING LABORATORIES #45907, #45908 & #45909 AND WILL DIFFER FROM ACTUAL FIELD ILLUMINATION MEASUREMENTS.
 - TO MAINTAIN OPTIMUM ILLUMINATION LEVELS: LAMP REPLACEMENT, CLEANING OF GLASS LENS AND REFLECTORS AT REGULAR INTERVALS IS REQUIRED. IN ADDITION, ILLUMINATION READINGS MUST BE TAKEN EVERY SIX (6) MONTHS.
 - ANY CHANGES IN POLE LOCATION, FIXTURE ORIENTATION OR ILLUMINATION OBSTRUCTIONS (I.E. LANDSCAPING, SIGNS, STRUCTURES) WILL VOID PHOTOMETRIC DATA AS PER DRAWING PRINT OUT ALX12031301.



RLS LIGHTING, INC.

1111 OLD GRIFFIN ROAD, DANIA BEACH, FL. 33004 PH: (954)458-0345 FAX: (954)458-0223

SCALE: N.T.S.	FLOODLIGHTING LTD.	DRAWN BY: P.T.V.
DATE: 12-03-2013		REVISED:
DRAWING NAME: RLS -TE-1000 E.C. - 9 POLES, 6.7m MOUNTING HT. 3° TILT		
COMMENTS: APPLETON LAWN TENNIS COURT - DOUBLE TENNIS COURT		DRAWING NUMBER: ALX12031301