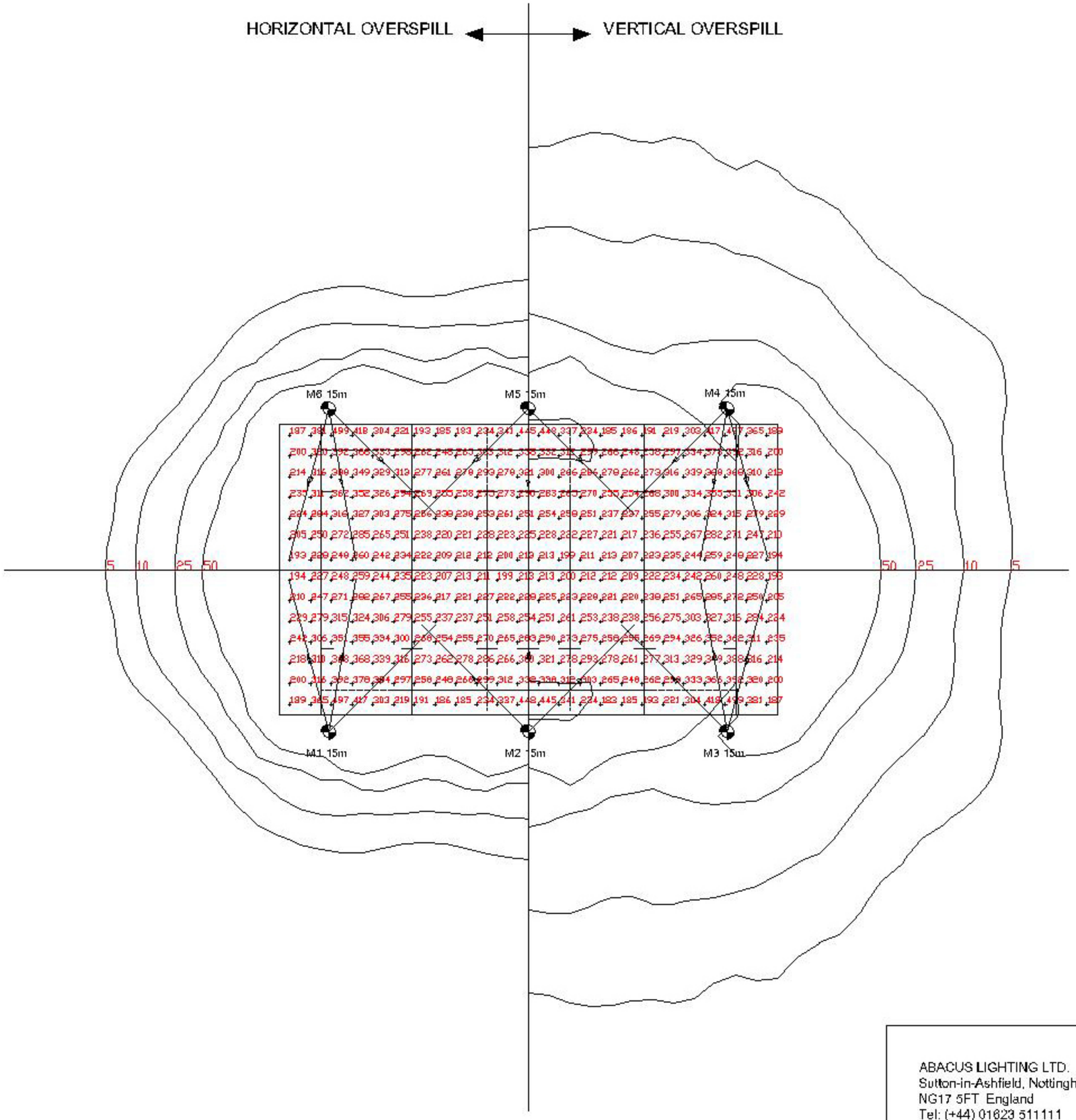

FLOODLIGHTING EQUIPMENT.
6x15m MASTS(M1-M6).
EACH CARRYING THE FOLLOWING FLOODLIGHTS:-
M1-M6.....1xAL5706/HQI-TS2000WNL + AL5721 COWLS
2xAL5714/HQI-TS2000WNL + AL5721 COWLS

LAMPS : (Osram Or Equivalent).
HQI-TS2000WNL(220000 INITIAL Lm.).

ILLUMINANCE LEVELS.
A) INITIAL(100 HRS).
E.i.ave=274 LUX.

B) MAINTAINED(3500 HRS).
E.m.ave=211 LUX.

UNIFORMITY
Emin/Eave=0.67
Emin/Emax=0.37

MAXIMUM GLARE RATING(GR)=49

GRID VALUES IN LUX(INITIAL).
GRID INTERVAL=5m.
CONTOUR VALUES IN LUX(INITIAL).
CONTOURS:5,10,25,50 LUX.
VERTICAL ILLUMINANCE CALCULATED AT +3.0m A.G.L.

MAINTENANCE FACTOR=0.77
BASED UPON:-
DIRT DEPRECIATION FACTOR=7%
CLEANING INTERVAL=12 MONTHS.
LOCATION=MEDIUM POLLUTION.
LAMP LUMEN DEPRECIATION=16%
BULK LAMP REPLACEMENT AT 4000 HRS.
SPOT LAMP REPLACEMENT UNDERTAKEN.

lighting4sport

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Lighting Project: RUGBY PITCH FLOODLIGHTING

Title: FLOODLIGHTING MATCH STANDARD

Design Ref: LS1034/1		Revision(s) From Previous Design:
Design By: NEIL JOHNSON		
Date: 3/3/04	Scale: 1:750 @ A2	