

**ABACUS REF : TN10_04 ©
TENNIS CLASS I
TRAINING STANDARD**

FLOODLIGHTING EQUIPMENT
4x8m MASTS(M1-M4)
EACH CARRYING THE FOLLOWING FLOODLIGHTS:-
M1-M4.....2 x AL5772/1KW - WIDE BEAM

LAMPS
PHILIPS - MHN-LA 1000/842(100 000 INITIAL Lm.).

ILLUMINANCE LEVELS
A) INITIAL(100 HRS)
E.i.ave=625 LUX.

B) MAINTAINED(4000 HRS)
E.m.ave=500 LUX.

UNIFORMITY
E_{min}/E_{ave}=0.72
E_{min}/E_{max}=0.49

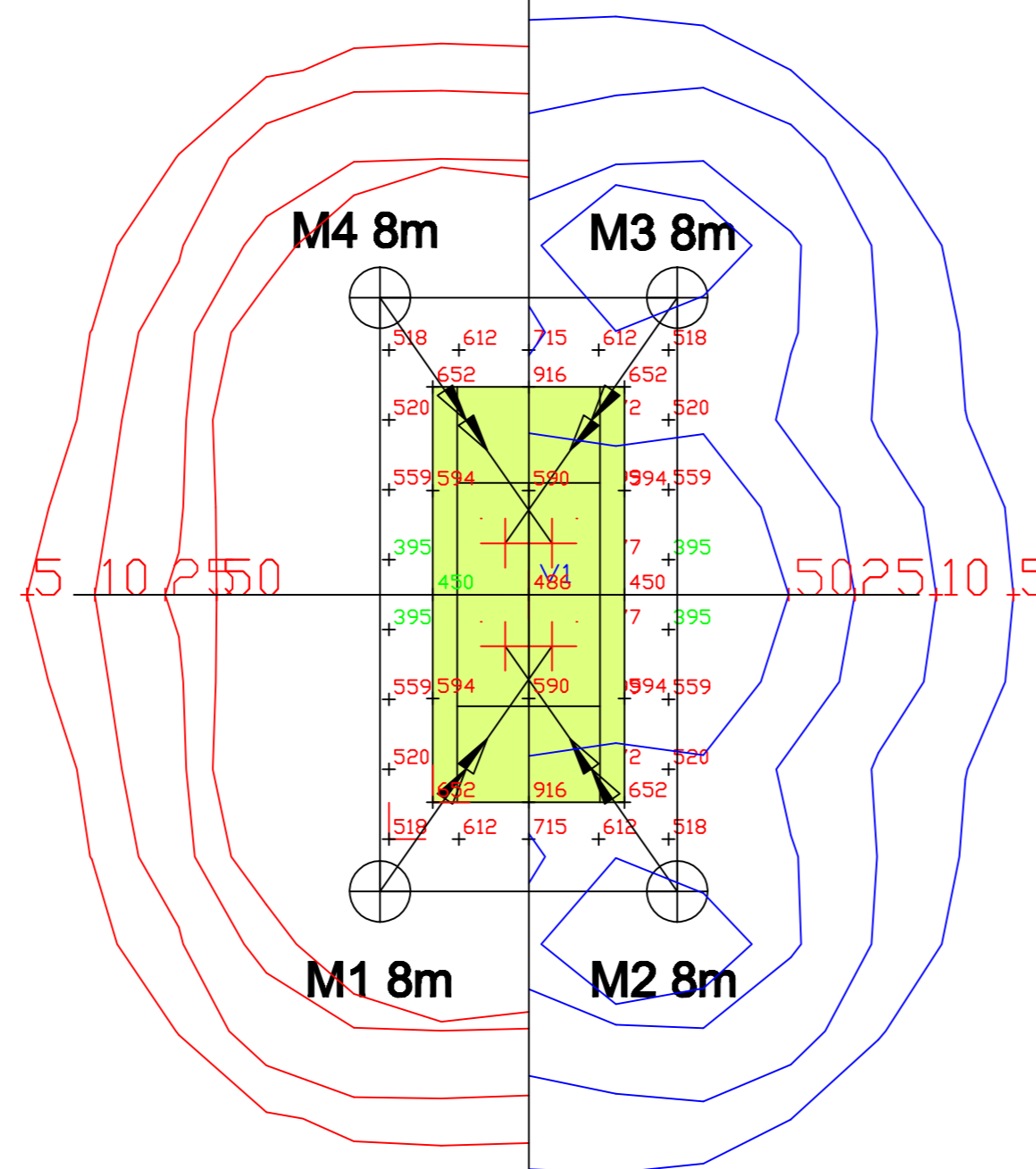
MAXIMUM GLARE RATING(GR)=41

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=0.80
BASED UPON:-
DIRT DEPRECIATION FACTOR=7%
CLEANING INTERVAL=12 MONTHS.
LOCATION=MEDIUM POLLUTION.
LAMP LUMEN DEPRECIATION=14%



HORIZONTAL OVERPSILL ← → **VERTICAL OVERPSILL**



Flexible Solutions

Abacus base hinged masts offer the facility to upgrade this system in the future.

www.abacuslighting.com

All illuminance values are the result of computer calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.