



FLOODLIGHTING EQUIPMENT:

16 x 10m MASTS (M1-M16)

M1,M4,M13,M16..... 1 x AL5780/2KW/MH-TS2000W/XL

M2,M3,M5,M8

M9,M12,M14,M15... 2 x AL5780/2KW/MH-TS2000W/XL

M6,M7,M10,M11..... 4 x AL5780/2KW/MH-TS2000W/XL

LAMPS (VENTURE):

2KW/MH-TS 2000W/XL/K12/745 (240 000 INITIAL Lm)

ILLUMINANCE LEVELS: (INDIVIDUALLY SWITCHED)

INITIAL (100 Hrs)

E.ave = 639 LUX

MAINTAINED (4000 Hrs)

E.m.ave = 492 LUX

UNIFORMITY

E_{min}/E_{ave} = 0.7

GRID VALUES IN LUX

GRID INTERVAL = 5m

CONTOURS 2,5,10,25,50 LUX - VERTICAL @ 3m A.G.L

MAINTENANCE FACTOR = 0.77

Lighting Project: EXTERNAL FLOODLIGHTING

Title: STANBOROUGH SCHOOL

Design Ref: UKS11497/2

Design By: ROB SCOTT

Date: 18/03/2016 Scale: 1:500 @ A2

Revision(s) From Previous Design:

INDIVIDUAL COURT SWITCHING
VERTICAL OVERSPILL @ 3m

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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.