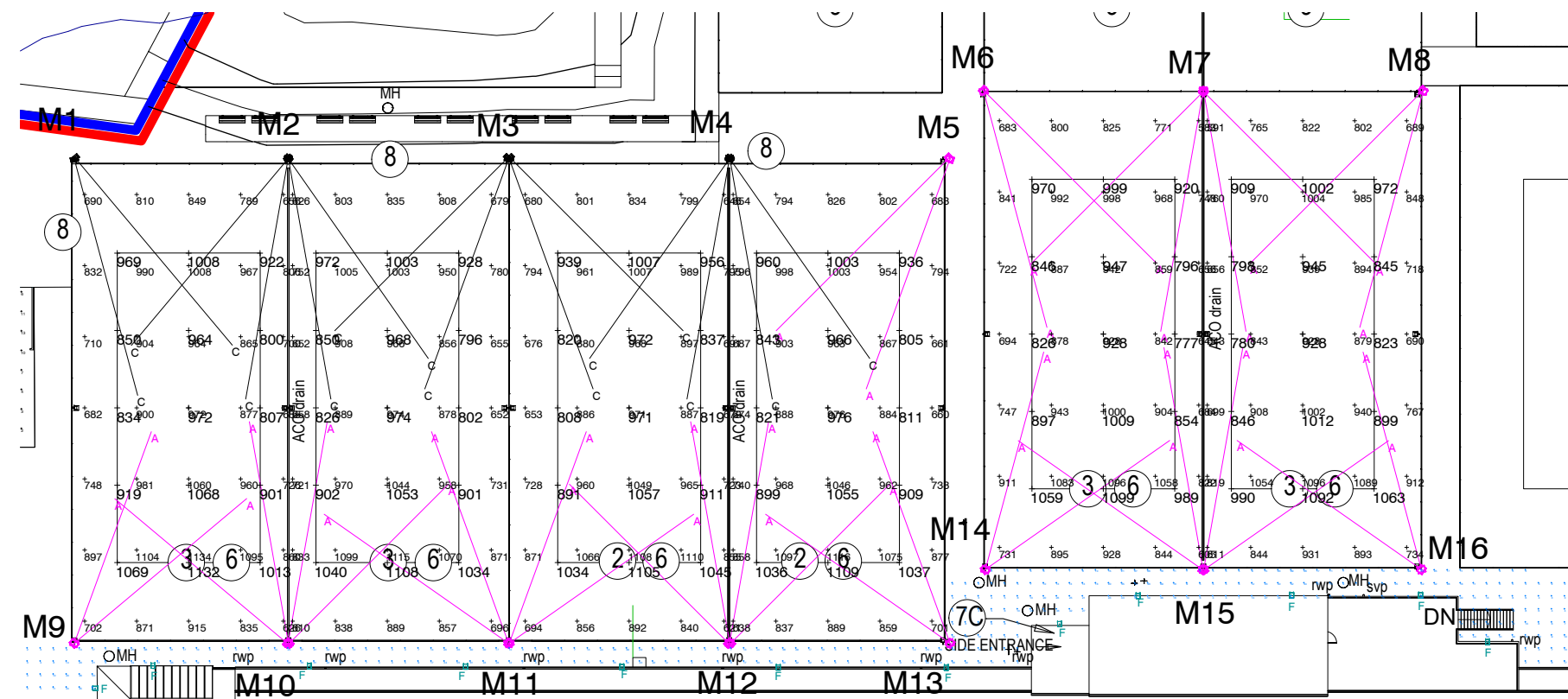
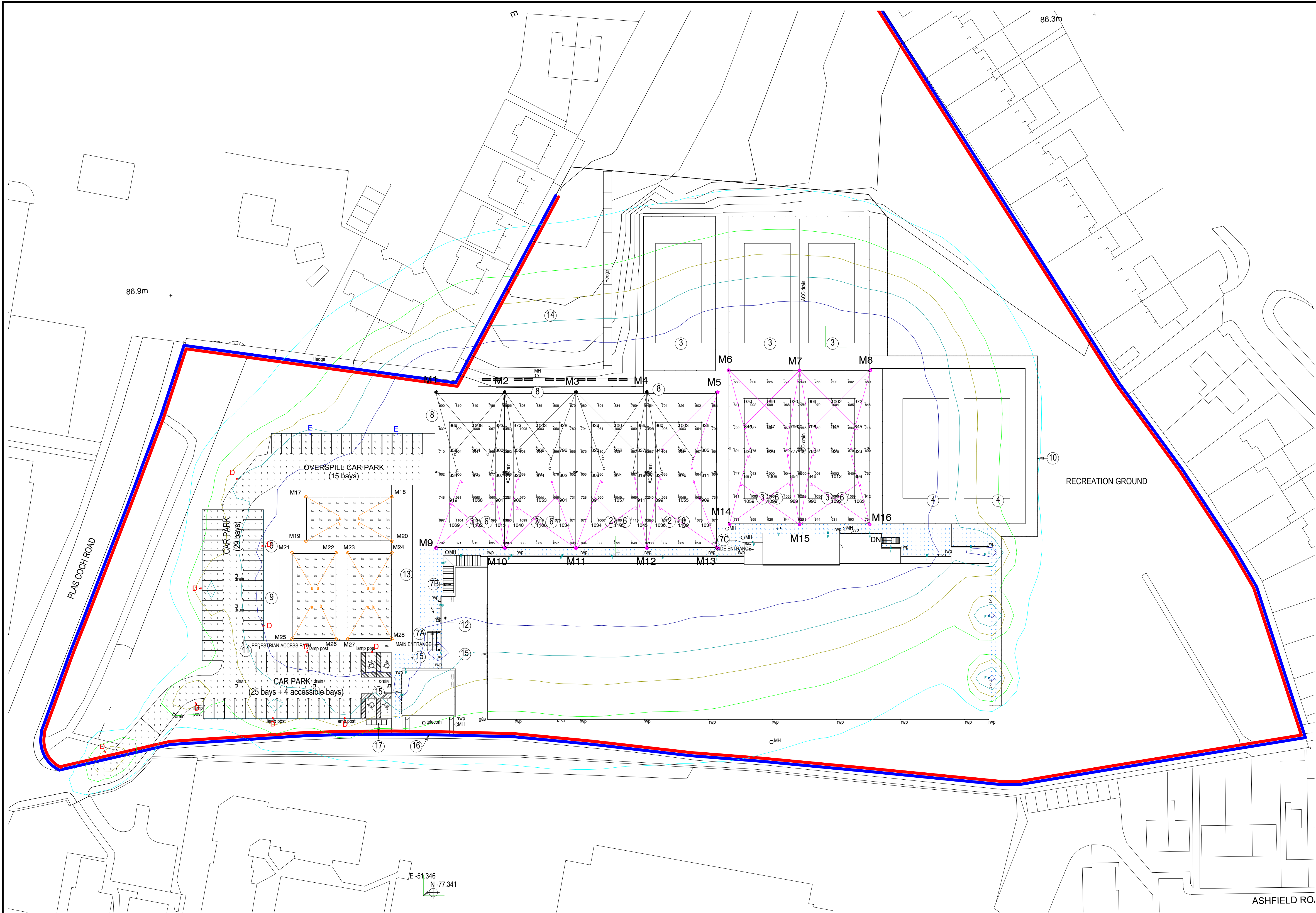




Tennis Court 3-8 TPA Horizontal Illuminance - Separately Switched

Lighting Schedule Project Total (for most arrangements see tables below)						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
	A	24	AL1000 LED Floodlight	10	1000	10000
	B	12	AL1000 LED Floodlight	10	1000	10000
	C	14	AL1000 LED Floodlight	10	1000	10000
	D	10	AL1000 LED Floodlight	10	1000	10000
	E	2	AL1000 LED Floodlight	10	1000	10000
	F	2	AL1000 LED Floodlight	10	1000	10000

Most Arrangement						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
	C	2	AL1000 LED Floodlight	10	1000	10000

Most Arrangement						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
	C	4	AL1000 LED Floodlight	10	1000	10000

Most Arrangement						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
	A	2	AL1000 LED Floodlight	10	1000	10000

Most Arrangement						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
	A	4	AL1000 LED Floodlight	10	1000	10000

Most Arrangement						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
	B	1	AL1000 LED Floodlight	10	1000	10000

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Tennis Court 3-8 TPA						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Tennis Court 3-8 TPA						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Tennis Court 3-8 TPA						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Tennis Court 3-8 TPA						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Car Park						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Car Park						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Horizontal Illuminance Levels						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

Calculation Summary						
Label	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
Public Court						

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DESIGNERS RISK ASSESSMENT
REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):
GENERAL NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE COMPLETE STAGE 4 DOCUMENTATION PROVIDED BY THE ARCHITECTURAL AND ENGINEERING DESIGN TEAMS
- ALL DIMENSIONS AND LEVELS SHOULD BE CHECKED ON SITE PRIOR TO COMMENCING INSTALLATION, MANUFACTURE OR FIXINGS
- AGREE ALL EQUIPMENT SETTING OUT WITH THE ARCHITECT PRIOR TO CONSTRUCTION.

TENNIS COURTS LIGHTING CONTROL STRATEGY:

- ALLOW FOR REMOTELY MONITORED AND CONTROLLED SYSTEM FROM A CENTRAL LOCATION VIA COMPUTER.
- ALLOW FOR PRE-PROGRAMMED LIGHTING SCENE SETTING SYSTEM WHEN DIFFERENT ZONES OF THE FIELD REQUIRE FULL LIGHTING LEVELS AND OTHERS NEED TO BE DIMMED AT DIFFERENT TIMES THROUGH THE DARK HOURS
- ALLOW FOR TIME CLOCK OVERRIDE FOR PITCH LIGHTING TO TURN-OFF AUTOMATICALLY.

CAR PARK AND EXTERNAL WALKWAY LIGHTING CONTROL STRATEGY:

SWITCHING ON/OFF WILL BE VIA PHOTOCELL AND TIME CLOCK/SWITCH/OVERRIDE COMPLETE WITH MANUAL SWITCH OVERRIDE FACILITY.

LED FLOODLIGHTS ARE DIMMABLE AND REMOTELY CONTROLLED VIA A SOFTWARE INSTALLED IN WORKSTATION. THE LUX LEVEL WILL BE SET AT 750 LUX IN THE EVENINGS ONLY. HOWEVER IN OTHER OPERATIONS IT WILL BE SET AT 500 LUX.

P1	13.07.23	PLANNING ISSUE	AR	SV
Rev	Date	Description	Eng	Chk

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Client

WREXHAM TENNIS CENTRE

Project
WREXHAM TENNIS CENTRE

Drawing Title
PROPOSED EXTERNAL & TENNIS COURTS LIGHTING

Status
PLANNING ISSUE

Project No.	Drawn	Scale / Paper Size
2951	AR	1:500 @ A1

Drawing No.	Rev
2951-CWC-XX-00-DR-E-6301	P1