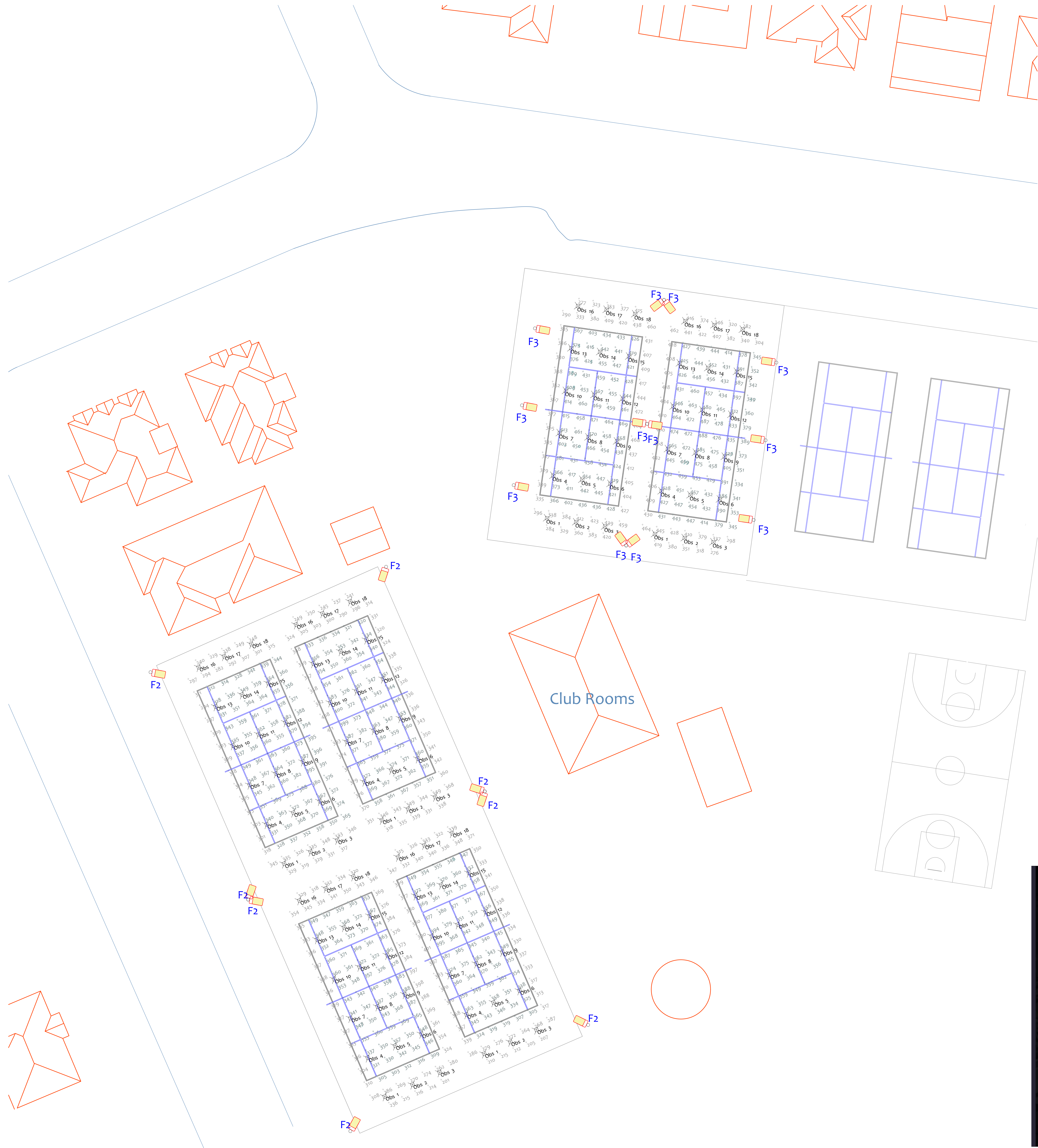




Luminaire Schedule				
Label	Description	Qty	Lum. Watts	LLF
F2	Sileco MaxiPro FLH PL33T	8	1350	0.800
F3	Sileco SiCOMPACT maxi PL32	12	490	0.800

Calculation Summary						
Illuminance						
Label	CalcType	Units	E _a	U ₁	U ₂	Grid Z
Court 01 PPA	Illuminance	Lux	432.0	0.85	0.78	
Court 01 TPA	Illuminance	Lux	410.4	0.67	0.57	1
Court 02 PPA	Illuminance	Lux	416.5	0.78	0.68	1
Court 02 TPA	Illuminance	Lux	416.5	0.66	0.57	1
Court 03 PPA	Illuminance	Lux	358.9	0.89	0.80	1
Court 03 TPA	Illuminance	Lux	348.4	0.68	0.58	1
Court 06 PPA	Illuminance	Lux	359.5	0.87	0.79	1
Court 06 TPA	Illuminance	Lux	341.9	0.67	0.58	1
Court 07 PPA	Illuminance	Lux	355.5	0.86	0.77	1
Court 07 TPA	Illuminance	Lux	342.2	0.60	0.51	1
Court 08 PPA	Illuminance	Lux	353.7	0.86	0.78	1
Court 08 TPA	Illuminance	Lux	340.7	0.59	0.51	1

Calculation Summary			
Glare			
Label	Obs Label	CalcType	Max
Court 01 UGR	Obs 1	Glare Rating	27
Court 01 UGR	Obs 2	Glare Rating	28
Court 01 UGR	Obs 3	Glare Rating	25
Court 01 UGR	Obs 4	Glare Rating	26
Court 01 UGR	Obs 5	Glare Rating	30
Court 01 UGR	Obs 6	Glare Rating	29
Court 01 UGR	Obs 7	Glare Rating	29
Court 01 UGR	Obs 8	Glare Rating	28
Court 01 UGR	Obs 9	Glare Rating	30
Court 01 UGR	Obs 10	Glare Rating	29
Court 01 UGR	Obs 11	Glare Rating	28
Court 01 UGR	Obs 12	Glare Rating	29
Court 01 UGR	Obs 13	Glare Rating	27
Court 01 UGR	Obs 14	Glare Rating	30
Court 01 UGR	Obs 15	Glare Rating	29
Court 01 UGR	Obs 16	Glare Rating	28
Court 01 UGR	Obs 17	Glare Rating	28
Court 01 UGR	Obs 18	Glare Rating	23
Court 02 UGR	Obs 1	Glare Rating	24
Court 02 UGR	Obs 2	Glare Rating	28
Court 02 UGR	Obs 3	Glare Rating	28
Court 02 UGR	Obs 4	Glare Rating	30
Court 02 UGR	Obs 5	Glare Rating	30
Court 02 UGR	Obs 6	Glare Rating	27
Court 02 UGR	Obs 7	Glare Rating	28
Court 02 UGR	Obs 8	Glare Rating	29
Court 02 UGR	Obs 9	Glare Rating	30
Court 02 UGR	Obs 10	Glare Rating	28
Court 02 UGR	Obs 11	Glare Rating	29
Court 02 UGR	Obs 12	Glare Rating	29
Court 02 UGR	Obs 13	Glare Rating	30
Court 02 UGR	Obs 14	Glare Rating	29
Court 02 UGR	Obs 15	Glare Rating	27
Court 02 UGR	Obs 16	Glare Rating	25
Court 02 UGR	Obs 17	Glare Rating	29
Court 02 UGR	Obs 18	Glare Rating	27

Calculation Summary			
Glare			
Label	Obs Label	CalcType	Max
Court 05 UGR	Obs 1	Glare Rating	35
Court 05 UGR	Obs 2	Glare Rating	36
Court 05 UGR	Obs 3	Glare Rating	34
Court 05 UGR	Obs 4	Glare Rating	38
Court 05 UGR	Obs 5	Glare Rating	39
Court 05 UGR	Obs 6	Glare Rating	37
Court 05 UGR	Obs 7	Glare Rating	39
Court 05 UGR	Obs 8	Glare Rating	38
Court 05 UGR	Obs 9	Glare Rating	35
Court 05 UGR	Obs 10	Glare Rating	40
Court 05 UGR	Obs 11	Glare Rating	38
Court 05 UGR	Obs 12	Glare Rating	38
Court 05 UGR	Obs 13	Glare Rating	37
Court 05 UGR	Obs 14	Glare Rating	39
Court 05 UGR	Obs 15	Glare Rating	39
Court 05 UGR	Obs 16	Glare Rating	36
Court 05 UGR	Obs 17	Glare Rating	37
Court 05 UGR	Obs 18	Glare Rating	36
Court 06 UGR	Obs 1	Glare Rating	33
Court 06 UGR	Obs 2	Glare Rating	36
Court 06 UGR	Obs 3	Glare Rating	36
Court 06 UGR	Obs 4	Glare Rating	37
Court 06 UGR	Obs 5	Glare Rating	39
Court 06 UGR	Obs 6	Glare Rating	39
Court 06 UGR	Obs 7	Glare Rating	37
Court 06 UGR	Obs 8	Glare Rating	39
Court 06 UGR	Obs 9	Glare Rating	39
Court 06 UGR	Obs 10	Glare Rating	39
Court 06 UGR	Obs 11	Glare Rating	39
Court 06 UGR	Obs 12	Glare Rating	40
Court 06 UGR	Obs 13	Glare Rating	39
Court 06 UGR	Obs 14	Glare Rating	39
Court 06 UGR	Obs 15	Glare Rating	39
Court 06 UGR	Obs 16	Glare Rating	36
Court 06 UGR	Obs 17	Glare Rating	37
Court 06 UGR	Obs 18	Glare Rating	36

Calculation Summary			
Glare			
Label	Obs Label	CalcType	Max
Court 07 UGR	Obs 1	Glare Rating	36
Court 07 UGR	Obs 2	Glare Rating	36
Court 07 UGR	Obs 3	Glare Rating	35
Court 07 UGR	Obs 4	Glare Rating	38
Court 07 UGR	Obs 5	Glare Rating	39
Court 07 UGR	Obs 6	Glare Rating	38
Court 07 UGR	Obs 7	Glare Rating	40
Court 07 UGR	Obs 8	Glare Rating	39
Court 07 UGR	Obs 9	Glare Rating	35
Court 07 UGR	Obs 10	Glare Rating	40
Court 07 UGR	Obs 11	Glare Rating	37
Court 07 UGR	Obs 12	Glare Rating	36
Court 07 UGR	Obs 13	Glare Rating	38
Court 07 UGR	Obs 14	Glare Rating	39
Court 07 UGR	Obs 15	Glare Rating	38
Court 07 UGR	Obs 16	Glare Rating	36
Court 07 UGR	Obs 17	Glare Rating	36
Court 07 UGR	Obs 18	Glare Rating	36
Court 08 UGR	Obs 1	Glare Rating	37
Court 08 UGR	Obs 2	Glare Rating	37
Court 08 UGR	Obs 3	Glare Rating	36
Court 08 UGR	Obs 4	Glare Rating	39
Court 08 UGR	Obs 5	Glare Rating	39
Court 08 UGR	Obs 6	Glare Rating	39
Court 08 UGR	Obs 7	Glare Rating	37
Court 08 UGR	Obs 8	Glare Rating	38
Court 08 UGR	Obs 9	Glare Rating	40
Court 08 UGR	Obs 10	Glare Rating	36
Court 08 UGR	Obs 11	Glare Rating	38
Court 08 UGR	Obs 12	Glare Rating	39
Court 08 UGR	Obs 13	Glare Rating	37
Court 08 UGR	Obs 14	Glare Rating	39
Court 08 UGR	Obs 15	Glare Rating	38
Court 08 UGR	Obs 16	Glare Rating	34
Court 08 UGR	Obs 17	Glare Rating	36
Court 08 UGR	Obs 18	Glare Rating	35

Obtrusive Light - Compliance Report

AS/NZS 4282:2019, A3 - Medium District Brightness, Non-Curfew L2
Filename: Ararat Tennis 4282 AGI
4/04/2022 3:17:49 PM

Illuminance		
Maximum Allowable Value: 10 Lux		
Calculations Tested (3):		
Calculation Label	Test Results	Max. Illum.
Lowe St Courts 1 & 2_III_Seg1	PASS	3
Lowe St Waratah Ave Cri 5&6 off_III_Seg1	PASS	6
Waratah Ave Courts 5 & 6 Off_III_Seg1	PASS	8

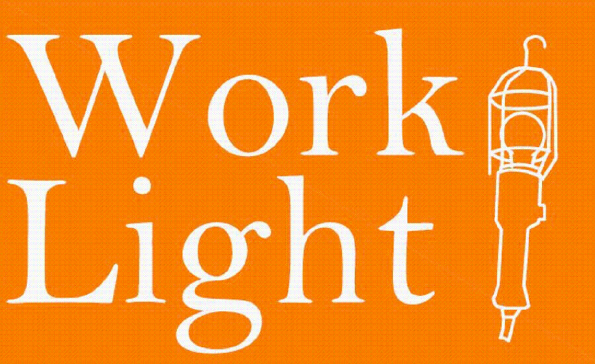
Luminous Intensity (Cd) At Vertical Planes		
Maximum Allowable Value: 25000 Cd		
Calculations Tested (3):		
Calculation Label	Test Results	
Lowe St Courts 1 & 2_Cd_Seg1	PASS	
Lowe St Waratah Ave Cri 5&6 off_Cd_Seg1	PASS	
Waratah Ave Courts 5 & 6 Off_Cd_Seg1	PASS	

Upward Waste Light Ratio (UWLR)		
Maximum Allowable Value: 2.0 %		
Calculated UWLR:	0.0 %	
Test Results:	PASS	

General Note:
Obtrusive Light calculations have been done with fittings at initial lamp lumen,



Ararat Rural City



PO Box 567
Williamstown
Victoria 3016
Ph 0459 980767
rob@worklight.com.au

ACN 153 905 116
ABN 40 433 263 194

Sports Lighting LED
Up-Grade Project

Ararat Tennis
Proposed

SCALE (AO ORIGINAL)		PROJECT NORTH		DESIGNED	
1:100		N		ITD	
DATE		DRAWN		ITD	
REFERENCE DOC.		STATUS		REV.	
JOB No. 26_39		DRAWING No. 02		DD	