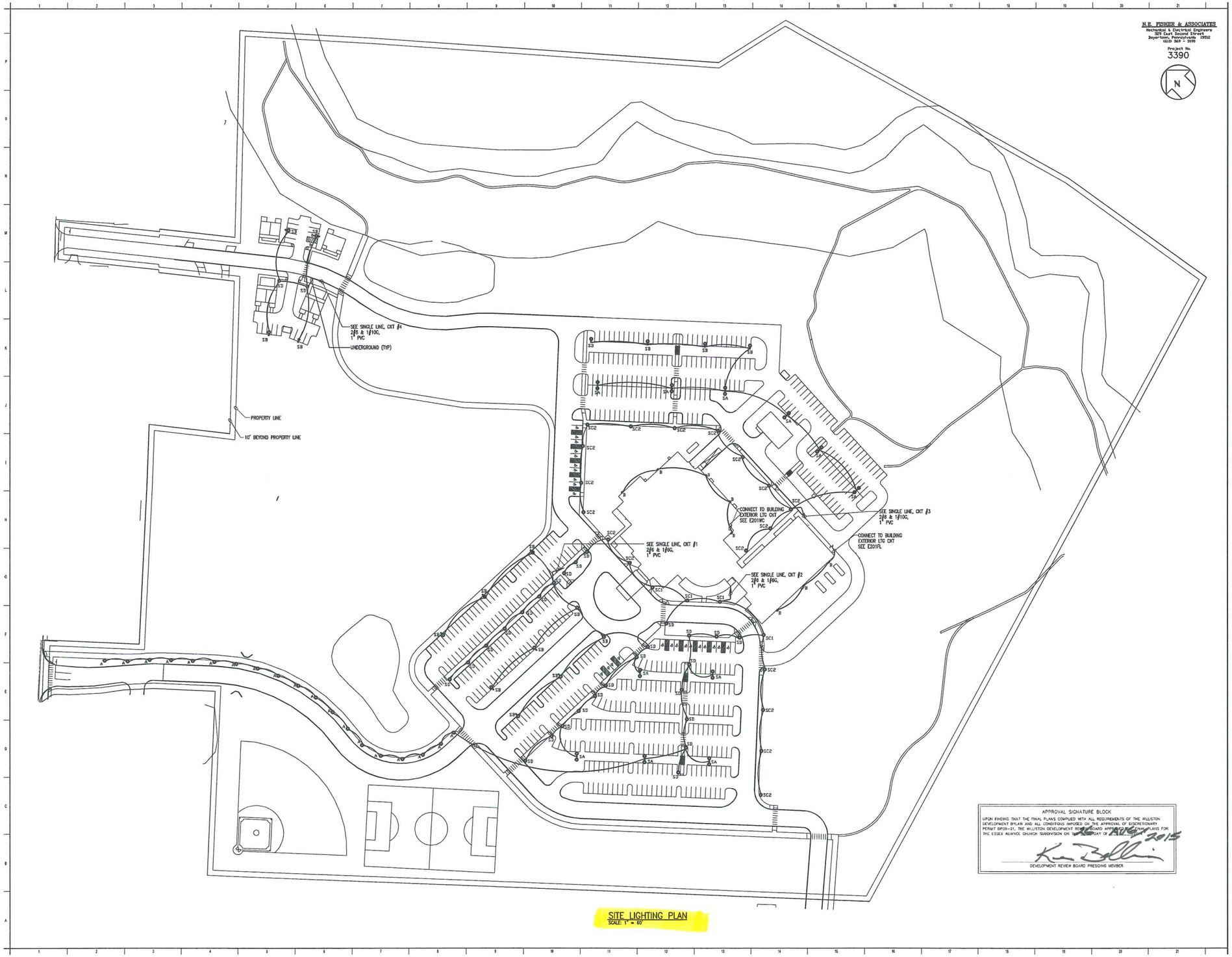

SITE LIGHTING PLAN
SCALE: 1" = 60'

GARDNER KILCOYNE architects
147 River Street, Lane,
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New Worship Facility for
Essex Alliance Church
Route 2A/ Essex Road
Williston VT 05452

DRAWING TITLE:
Site Lighting Plan

DRAWN BY: EMK
SCALE: AS NOTED
COMM. NO: 1109
DATE / ISSUE: 1/23/15

No.	Description	Date

DRAWING NO.
E601

N.E. FISHER & ASSOCIATES
Mechanical & Electrical Engineers
309 East Second Street
Boyertown, Pennsylvania 19512
610-367-7570

Project No.
3390

N

TOTAL LUMEN OUTPUT				
FIXTURE TYPE	QUANTITY	LAMP LUMENS	TOTAL LUMENS	REMARKS
SA	8	43,474	382,268	
SB	14	21,237	297,318	
SC1	4	10,615	42,460	
SC2	17	10,615	180,455	
SD	26	3,800	98,800	
A	19	6,000	114,000	
B	8	10,292	82,336	
TOTAL LUMENS			1,197,635	
ACRES ILLUMINATED			8	
LUMENS PER ACRE			149,704	

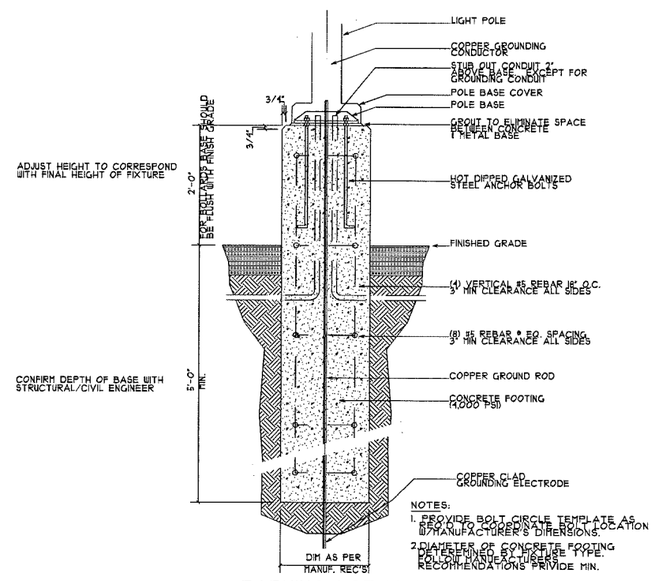
NOTES:

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Area	+	1.6 fc	4.2 fc	0.2 fc	21.0:1	8.0:1

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	Lumens	LLF	Watts
	SA	11	ASA-128G1-700-5L	LARGE AEROSCAPE AREA 128 LED	(2) LEDgine 64 REBEL ES	Absolute	0.69	555.2
	SB	13	ASA-128G1-700-3L	LARGE AEROSCAPE AREA 128 LED	(2) LEDgine 64 REBEL ES	Absolute	0.69	277.6
	SC1	4	ASA-80G1-530-4L	80 LED SMALL AEROSCAPE	LEDgine L1 80 NW Rebel ES LUMENS=10,615	Absolute	0.69	125.5
	SC2	18	ASA-80G1-530-4L	80 LED SMALL AEROSCAPE	LEDgine L1 80 NW Rebel ES LUMENS=10,615	Absolute	0.69	125.5
	SD	27	CF73-X-2KR5-X	TYPE 5 REFR BOWL / ACRYLIC LENS	50MH	3800	0.65	64
	A	19	ASA-64G1-700-3L	SMALL AEROSCAPE AREA 64 LED	LEDgine 64 REBEL ES	Absolute	0.69	138.1
	B	9	AWS3M-150-FT	SURFACE MOUNT LIGHT AWS3 QUARTER SPHERE LUMINAIRE. FORWARD THROW TYPE SPECULAR REFLECTOR, FLAT CLEAR TEMPERED GLASS LENS. MOUNTING HEIGHT: 16FT	150MH	14000	0.65	185



NOTES:
1. PROVIDE BOLT CIRCLE TEMPLATE AS REQ'D TO COORDINATE BOLT LOCATION W/MANUFACTURER'S DIMENSIONS.
2. DIAMETER OF CONCRETE FOOTING DETERMINED BY FIXTURE TYPE. FOLLOW MANUFACTURERS RECOMMENDATIONS PRIVIDE MIN.

PARKING LOT LIGHT POLE STANDARD BASE
SCALE: 1" = 1'-0"

APPROVAL SIGNATURE BLOCK

UPON FINDING THAT THE FINAL PLANS COMPLIED WITH ALL REQUIREMENTS OF THE WILLISTON DEVELOPMENT RULAW AND ALL CONDITIONS IMPOSED ON THE APPROVAL OF DISCRETIONARY PERMIT DP99-21, THE WILLISTON DEVELOPMENT REVIEW BOARD APPROVED THE FINAL PLANS FOR THE ESSEX ALIANCE CHURCH SUBDIVISION ON THIS 20 DAY OF AUGUST 2015

DEVELOPMENT REVIEW BOARD PRESIDING MEMBER

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New Worship Facility for
Essex Alliance Church
Route 2A/ Essex Road
Williston VT 05452

DRAWING TITLE:
Site Lighting Schedules and Details

DRAWING BY: EFTK
SCALE: AS NOTED
CDAM NO: 1104
DATE/ISSUE: 1/23/15

No.	Description	Date

DRAWING NO.
E602