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August 6, 2021

VIA E-MAIL

Civitas Architecture Inc.
14 Chamberlain Avenue
Suite 301
Ottawa, Ontario
K1S 1V9

**ATTENTION: MR. DOUGLAS RANCIER, B.ARCH., DIPL. ARCH. TECH., OAA,
MRAIC, LEED® AP, PRINCIPAL, DESIGN ARCHITECT**

**SUBJECT: 301 SOMME ST., OTTAWA
FASTFRATE OTTAWA - NEW FACILITY
OUR PROJECT NO. 2020-514**

Dear Sir:

We have designed the site lighting for the new facility located at 301 Somme Street in accordance with the following guidelines as requested by the City of Ottawa:

1. It must be designed using only fixtures that meet the criteria for Full Cut-Off (Sharp cut-off) Classification, as recognized by the Illuminating Engineering Society of North America (IESNA or IES), and;
2. It must result in minimal light spillage onto adjacent properties. As a guideline, 0.5 fc is normally the maximum allowable spillage.
3. In addition to the above requirements, the design also provides 0.0 fc of light spillage along the south property line adjacent to Highway 417, in accordance with the Ministry of Transportations requirements.

Yours very truly,

GOODKEY, WEEDMARK & ASSOCIATES LIMITED



James Moffat, P.Eng.
Partner, Senior Electrical Engineer
JM/md



FASTFRATE OTTAWA - NEW FACILITY

301 SOMME STREET, OTTAWA, ON.
ELECTRICAL

CLIENT LOGO:



KEY PLAN:

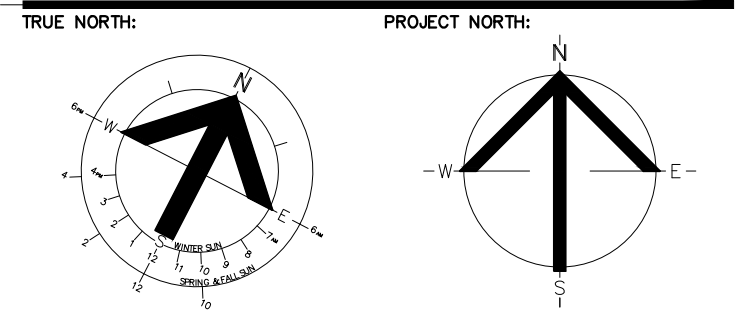
DRAWING LIST	
SYMBOL	DESCRIPTION
E1	ELECTRICAL TITLE SHEET
E2	ELECTRICAL LIGHTING SITE PLAN NEW WORK

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	DOWNLIGHT FIXTURE - TYPE AS SHOWN
	WALL MOUNTED LIGHT FIXTURE - TYPE AS SHOWN
	LIGHT STANDARD SMALL AREA LIGHT - TYPE AS SHOWN

LINETYPE LEGEND	
LINETYPE	DESCRIPTION
---	NEW WORK
- - - - -	UNDEGROUND CONDUIT

LIGHTING FIXTURE SCHEDULE								
TYPE	DESCRIPTION	CATALOG NUMBER	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS
			QTY	TYPE	WATTS			
1	GARDOO SITE & AREA ECOFORM ECF-S SMALL AREA LIGHT	ECF-S-48L-900-NW-G2-AR-4-UNV-BL-IMR03-HIS-BZ	14	LED	135	4000K	347V	POLE MOUNTED
2	GARDOO SITE & AREA ECOFORM ECF-S SMALL AREA LIGHT	ECF-S-32L-700-NW-G2-AR-3-UNV-BL-IMR03-HIS-BZ	3	LED	73	4000K	347V	POLE MOUNTED
3	GARDOO SITE & AREA ECOFORM ECF-S SMALL AREA LIGHT	ECF-S-32L-700-NW-G2-AR-4-UNV-BL-IMR03-BZ	7	LED	73	4000K	347V	POLE MOUNTED
4	GARDOO WALL MOUNTED SCENCE 121	121-32L-1000-NW-G4-4-UNV-BL-IMR03-BZ	11	LED	107	4000K	347V	WALL MOUNTED
5	LIGHTOLIER DOWNLIGHTING EASYLYTE	Z4RDL20835W0WHZ10U 4RN	54	LED	20	3500K	347V	RECESSED

NOTES:
1. ALL ACRYLIC LENSES SHALL BE MINIMUM 0.125" THICK.
2. COORDINATE AIMING OF ADJUSTABLE FIXTURES WITH INTERIOR DESIGNER AND CLIENT.



PRELIMINARY
NOT FOR CONSTRUCTION

RECORD OF REVISIONS:	
6	
5	
4	
3	
2	
1	ISSUED FOR SITE PLAN APPROVAL 08/13/21
	ISSUED FOR SITE PLAN 08/06/21

NUMBER: REVISION: DATE: (MM/DD/YY)
ISSUE:

PROFESSIONAL STAMP: PROFESSIONAL STAMP:



CIVITAS ARCHITECTURE INC. OTTAWA, ON :
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PROJECT TITLE:
FASTFRATE OTTAWA
NEW FACILITY

301 SOMME STREET

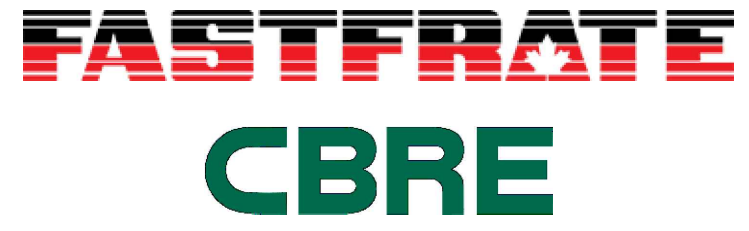
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ELECTRICAL
TITLE SHEET

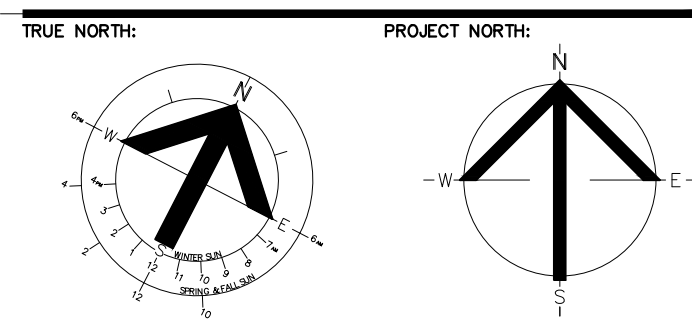
DRAWN BY:	N.YARASKAVITCH	DRAWING NUMBER:	
DATE:	21/08/06		
REVIEWED BY:	J.MOFFAT		
APPROVED BY:	J.MOFFAT		E1
PRINT DATE:		REVISION NUMBER:	
ISSUED DATE:	21/08/06		
CLIENT PROJECT #:		PROJECT #:	2020-514



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KEY PLAN:



PRELIMINARY
NOT FOR CONSTRUCTION

RECORD OF REVISIONS:

6		
5		
4		
3		
2		
1		
0		

ISSUED FOR SITE PLAN APPROVAL 08/13/21
ISSUED FOR SITE PLAN 08/06/21

NUMBER: REVISION: DATE: (MM/DD/YY)

PROFESSIONAL STAMP: PROFESSIONAL STAMP:



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PROJECT TITLE:
FASTFRATE OTTAWA
NEW FACILITY

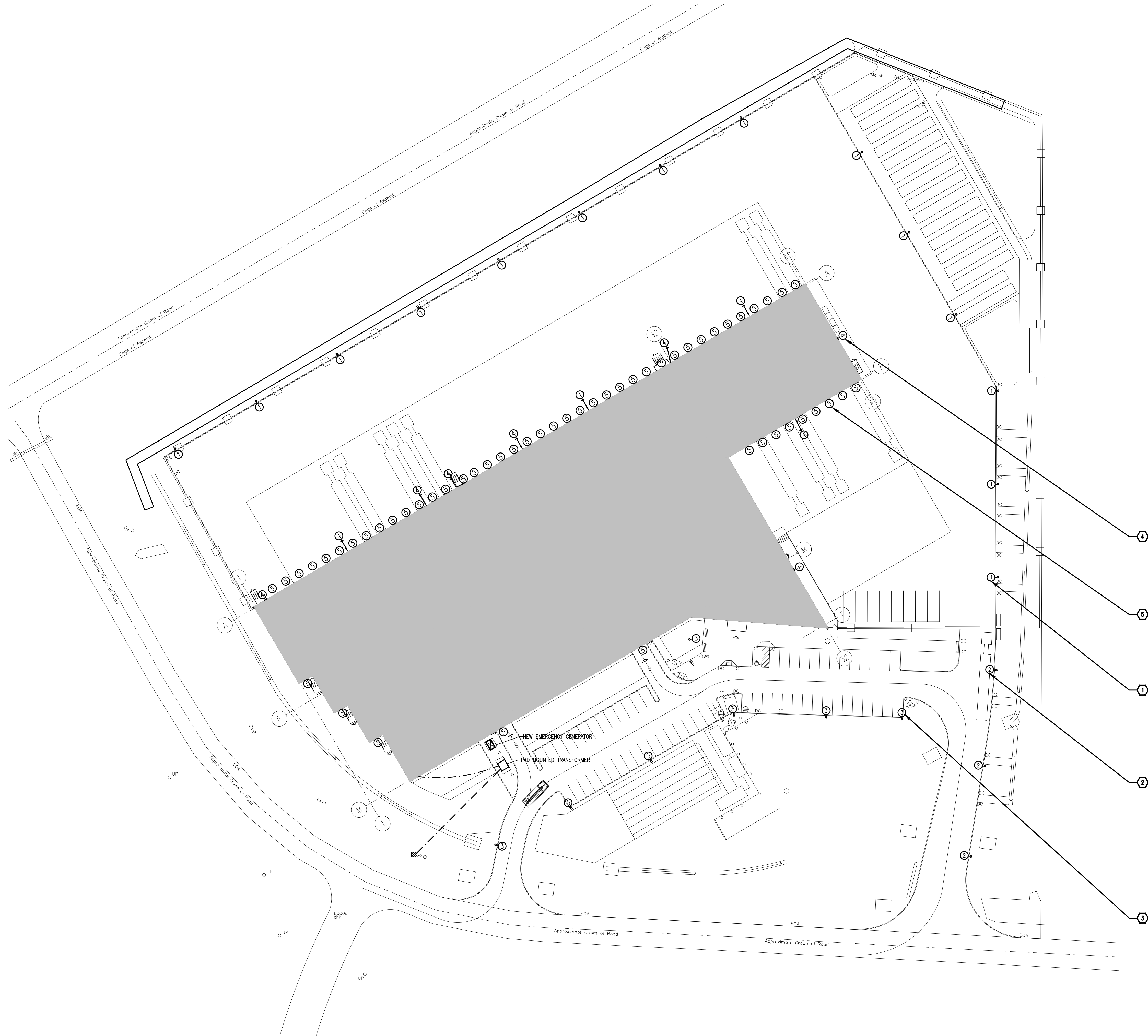
301 SOMME STREET

DRAWING TITLE:
**ELECTRICAL
LIGHTING AND UTILITY
SITE PLAN**

DRAWN BY:	N.YARASKAVITCH	DRAWING NUMBER:	
DATE:	21/08/06		
REVIEWED BY:	J.MORFAT		
APPROVED BY:	J.MORFAT		E2
PRINT DATE:		REVISION NUMBER:	
ISSUED DATE:	21/08/06		
CLIENT PROJECT #:		PROJECT #:	2020-514

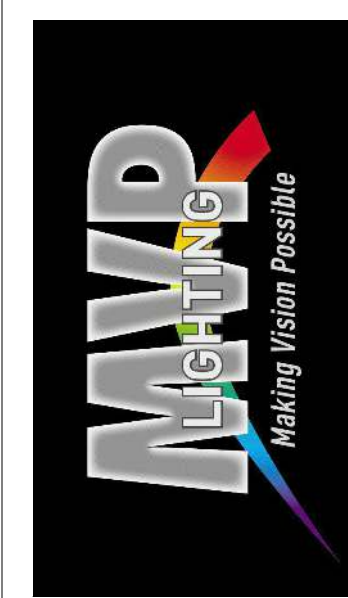
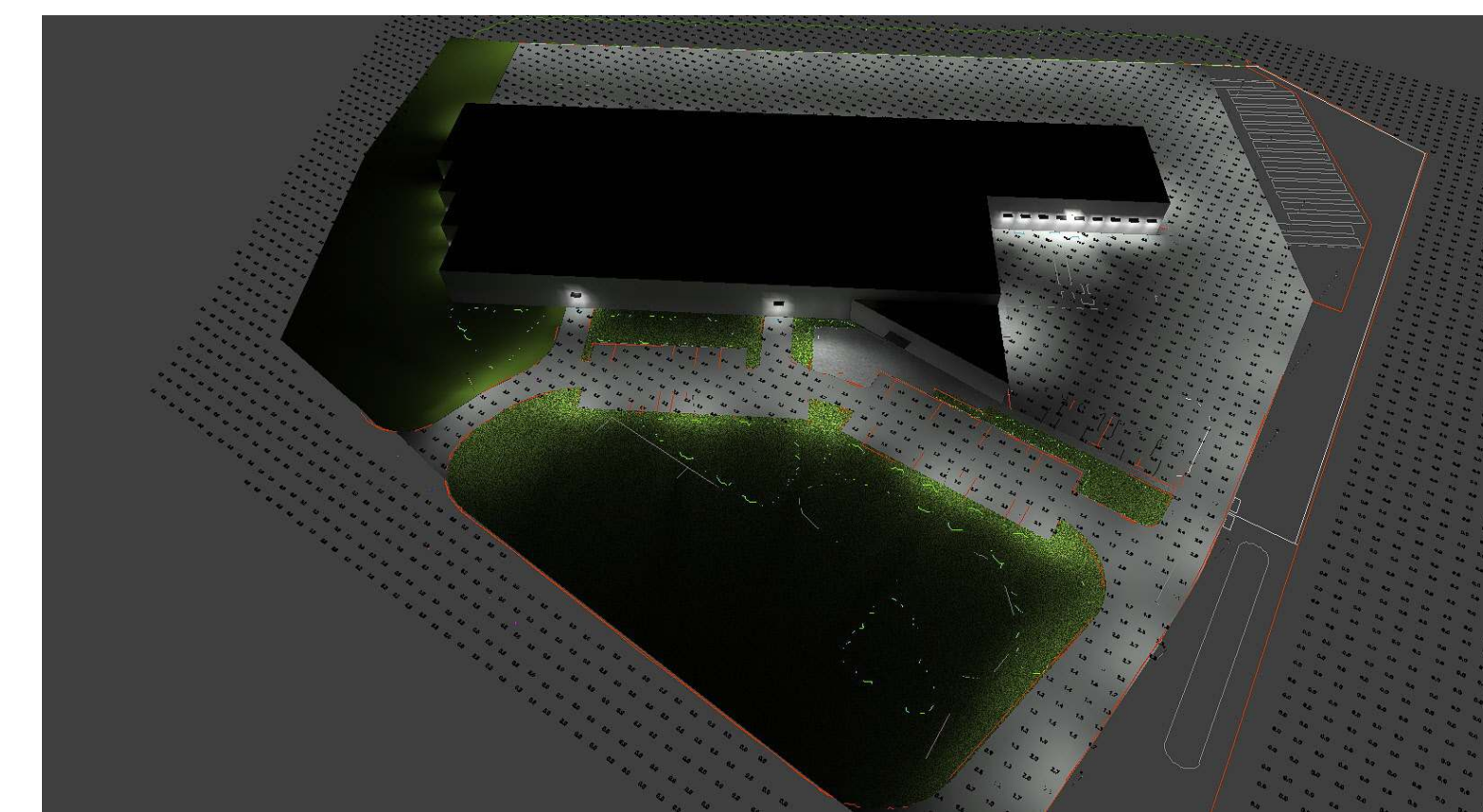
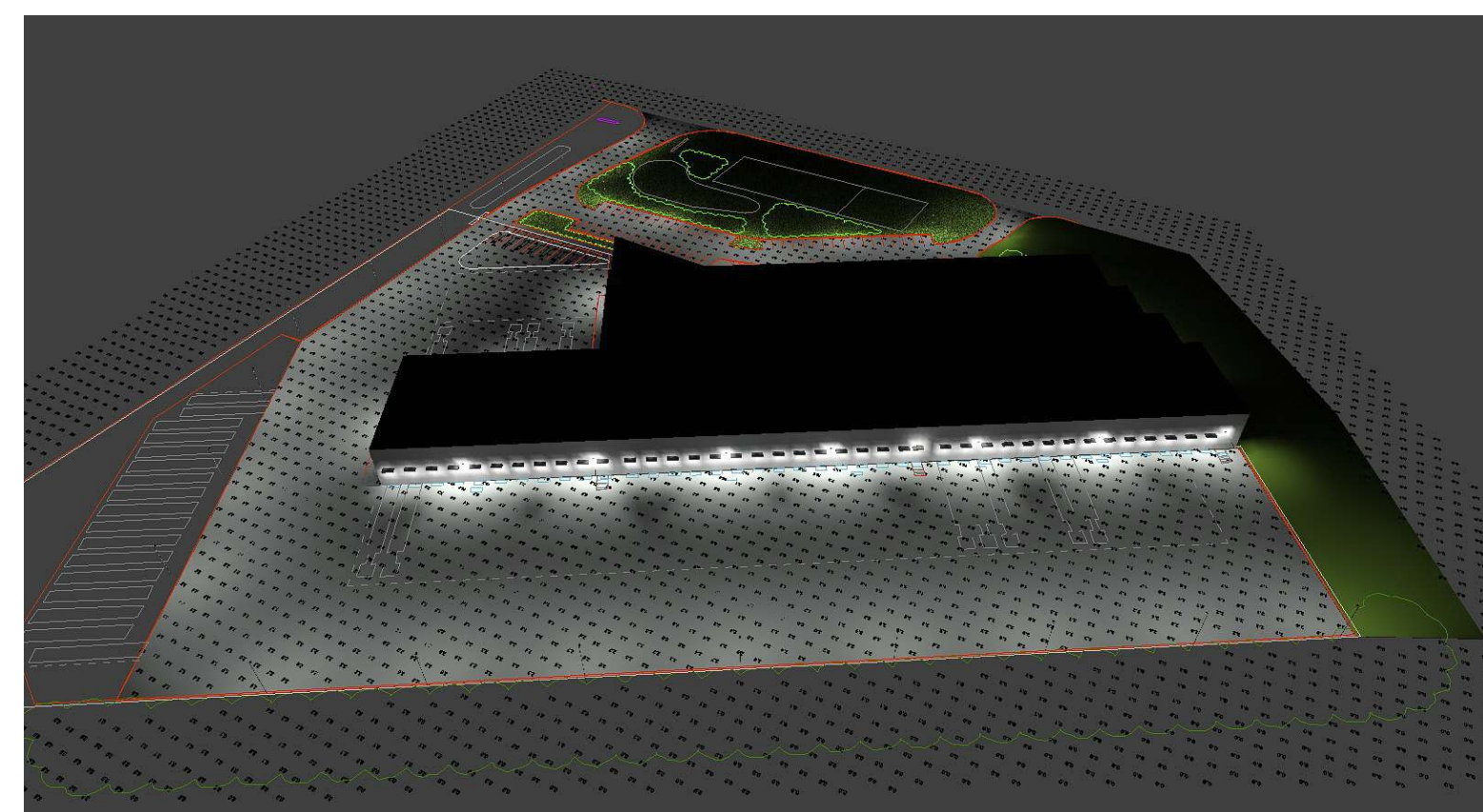
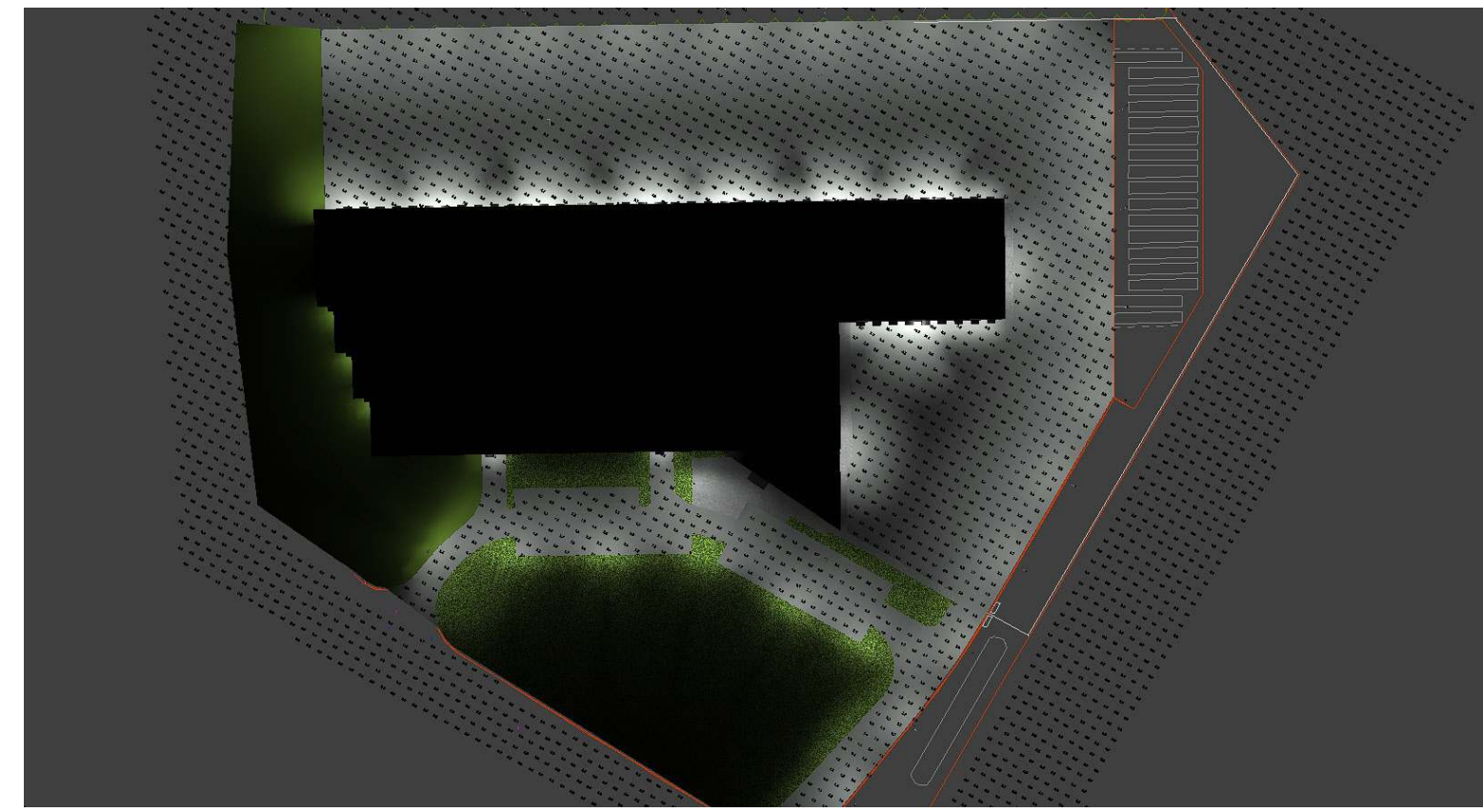
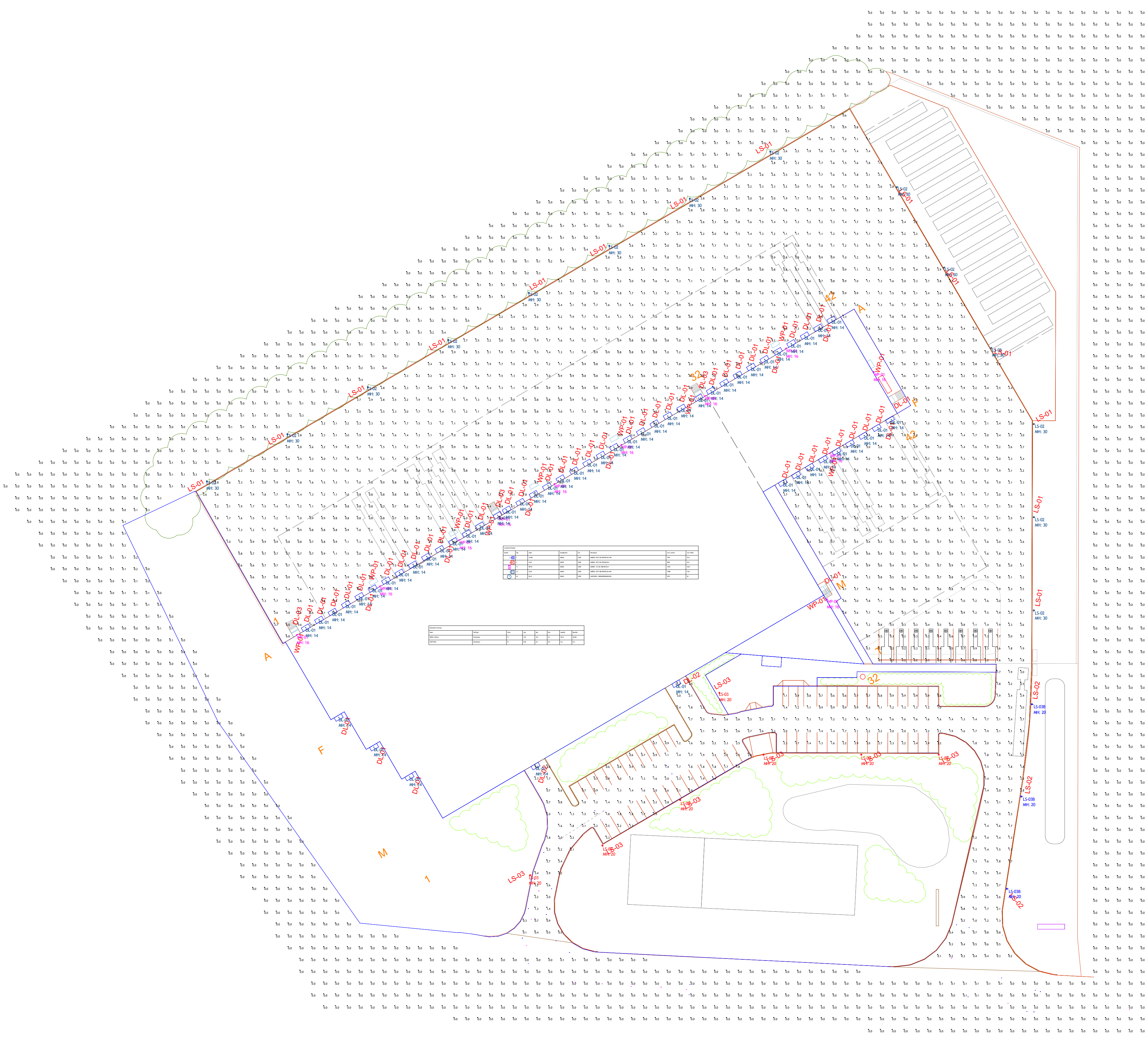
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- DRAWING NOTES**
- TYPICAL:** PROVIDE NEW TYPE (1) LIGHT FIXTURE C/W CONDUIT AND WIRE AND CONNECT TO NEW TIME CLOCK SYSTEM AND NEW EXTERIOR LIGHTING CIRCUIT. COORDINATE EXACT LOCATION, MOUNTING AND MOUNTING HEIGHT ON SITE WITH CLIENT REPRESENTATIVE AND ARCHITECT.
 - TYPICAL:** PROVIDE NEW TYPE (2) LIGHT FIXTURE C/W CONDUIT AND WIRE AND CONNECT TO NEW TIME CLOCK SYSTEM AND NEW EXTERIOR LIGHTING CIRCUIT. COORDINATE EXACT LOCATION, MOUNTING AND MOUNTING HEIGHT ON SITE WITH CLIENT REPRESENTATIVE AND ARCHITECT.
 - TYPICAL:** PROVIDE NEW TYPE (3) LIGHT FIXTURE C/W CONDUIT AND WIRE AND CONNECT TO NEW TIME CLOCK SYSTEM AND NEW EXTERIOR LIGHTING CIRCUIT. COORDINATE EXACT LOCATION, MOUNTING AND MOUNTING HEIGHT ON SITE WITH CLIENT REPRESENTATIVE AND ARCHITECT.
 - TYPICAL:** PROVIDE NEW TYPE (4) LIGHT FIXTURE C/W MOTION SENSOR, CONDUIT AND WIRE AND CONNECT TO NEW EXTERIOR LIGHTING CIRCUIT. COORDINATE EXACT LOCATION, MOUNTING AND MOUNTING HEIGHT ON SITE WITH CLIENT REPRESENTATIVE AND ARCHITECT.
 - TYPICAL:** PROVIDE NEW TYPE (5) LIGHT FIXTURE C/W CONDUIT AND WIRE AND CONNECT TO NEW TIME CLOCK SYSTEM AND NEW EXTERIOR LIGHTING CIRCUIT. COORDINATE EXACT LOCATION, MOUNTING AND MOUNTING HEIGHT ON SITE WITH CLIENT REPRESENTATIVE AND ARCHITECT.



1 SITE PLAN
E2 1:500





MVP LIGHTING
 Stewart Impey | Principal
 o: 613-800-9909 ext #3
 c: 613-282-0997

Drawn By:
 Checked By:
 Date: 2021-07-08
 Scale:

FASTFRATE SITE
 MVPFST10708B