

NOT FOR CONSTRUCTION

MDLA
MICHAEL D'ANGELO landscape architecture

MICHAEL D'ANGELO
LANDSCAPE ARCHITECTURE LLC

732 EAST BROADWAY #3
BOSTON, MA 02127
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357 MAIN STREET
BOLTON, MA

STAMP



REV. NO.	DATE	DESCRIPTION

LANDSCAPE
LIGHTING
AND
PLANTING
PLAN

DRAWN

CHECKED

SCALE

AS NOTED

DATE

05/12/21

L1

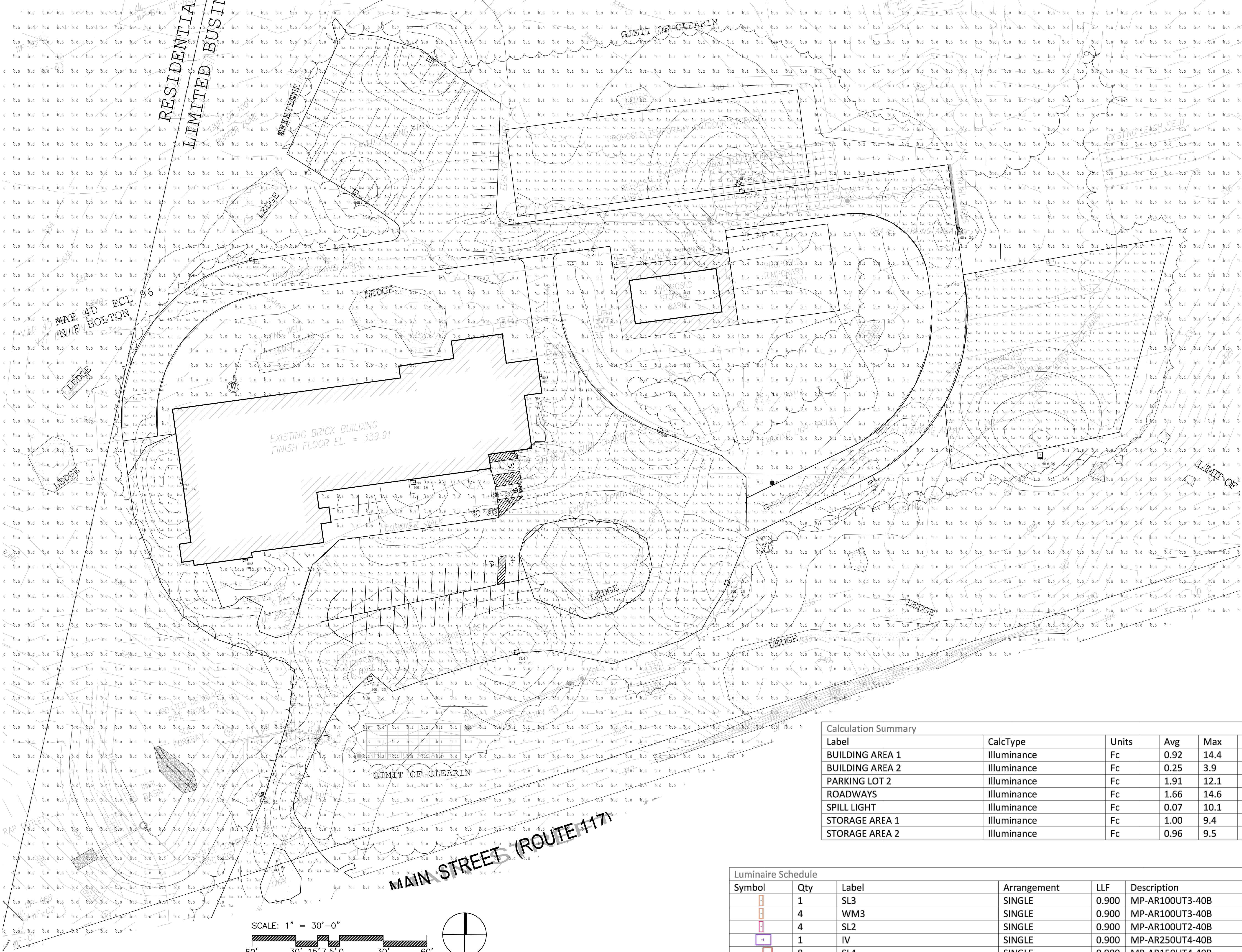
SHEET 1 OF 3

pdf date: 5/11/2021

LIGHT SCHEDULE					
	LABEL	MODEL	MOUNT	DESCRIPTION	OPTIONS
	SL-3	M PULSE MP-AR100UT3-40B	CONCRETE FOOTING; KEEP 18" ABOVE GRADE; SEE ENGINEER'S DRAWINGS	POLE LIGHT	COLOR: BLK
	WM3	M PULSE MP-AR100UT3-40B	COORDINATE EXACT LOCATION WITH OWNER	BUILDING MOUNT	COLOR: BLK
	SL2	M PULSE MP-AR100UT2-40B	SEE PHOTOMETRIC FOR MOUNTING HEIGHT	POLE LIGHT	COLOR: BLK
	IV	M PULSE MP-AR250UT4-40B	BUILDING MOUNT; SEE PHOTOMETRIC FOR HEIGHT	POLE LIGHT	COLOR: BLK
	SL4	M PULSE MP-AR150UT4-40B	BUILDING MOUNT; SEE PHOTOMETRIC FOR HEIGHT	POLE LIGHT	COLOR: BLK
	WM4	M PULSE MP-AR150UT4-40B	COORDINATE EXACT LOCATION WITH OWNER	BUILDING MOUNT	COLOR: BLK
					ILLUMINATE 617-947-8996 STEVE PRUDHOMME
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SUBMIT CUT SHEETS FOR APPROVAL. REFERENCE PHOTOMETRIC PLAN PROVIDED BY "ILLUMINATE." SEE ENGINEER'S PLANS FOR CONCRETE FOOTINGS. COORDINATE WITH ARCHITECT ON BUILDING MOUNTED LIGHT PLACEMENT.

PLANT SCHEDULE				
SYMBOL	QTY.	LATIN NAME	COMMON NAME	SIZE
TREES				
AR	5	ACER RUBRUM	RED MAPLE	3"-3.5" CAL.
BN	5	BETULA NIGRA 'HERITAGE'	RIVER BIRCH	8'-10' HT.
QB	8	QUERCUS BICOLOR	SWAMP WHITE OAK	3"-3.5" CAL.
NS	3	NYSSA SYLVATICA	TUPELO	3"-3.5" CAL.
SHRUBS AND GROUND COVER				
CA	20	CLETHRA ALNIFOLIA	SWEET PEPPERBUSH	3 GAL.
IG	9	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	3"-3.5" TALL
CS	10	CORNUS SERICEA 'ARCTIC FIRE'	RED TWIG DOGWOOD	3"-3.5" TALL
IV	8	ILEX VERTICILLATA	WINTERBERRY	3 GAL.
VD	11	VIBURNUM DENTATUM	ARROWWOOD	3 GAL.
HQ	12	HYDRANGEA QUERCIFOLIA	OAKLEAF HYDRANGEA	3 GAL.



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PHOTOMETRIC PLAN PROVIDED BY:

ILLUMINATE
44 Sixth Road
Woburn, MA 01801
T 781-935-8500
F 781-569-0051

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L2

SHEET 2 OF 3

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Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
BUILDING AREA 1	Illuminance	Fc	0.92	14.4	0.0	N.A.	N.A.
BUILDING AREA 2	Illuminance	Fc	0.25	3.9	0.0	N.A.	N.A.
PARKING LOT 2	Illuminance	Fc	1.91	12.1	0.1	19.10	121.00
ROADWAYS	Illuminance	Fc	1.66	14.6	0.0	N.A.	N.A.
SPILL LIGHT	Illuminance	Fc	0.07	10.1	0.0	N.A.	N.A.
STORAGE AREA 1	Illuminance	Fc	1.00	9.4	0.1	10.00	94.00
STORAGE AREA 2	Illuminance	Fc	0.96	9.5	0.0	N.A.	N.A.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Lumens
	1	SL3	SINGLE	0.900	MP-AR100UT3-40B	11882
	4	WM3	SINGLE	0.900	MP-AR100UT3-40B	11882
	4	SL2	SINGLE	0.900	MP-AR100UT2-40B	11964
	1	IV	SINGLE	0.900	MP-AR250UT4-40B	30549
	8	SL4	SINGLE	0.900	MP-AR150UT4-40B	18705
	1	WM4	SINGLE	0.900	MP-AR150UT4-40B	18705

