

KEY PLAN NTS

LEGEND

- PADMOUNTED, LOW PROFILE TRANSFORMER SIZED AT 25KVA OR 50KVA, 4800 - 240/120V (- INDICATES LOCATION OF TRANSFORMER HOOD).
- PROPOSED PRIMARY DISTRIBUTION CABLE: 1 - #2/0 AWG, ALUMINUM COMPACT 28KV, LLDFE JACKETED, STRAND FILLED TR-XLPEL, (R-RED, W-WHITE, B-BLUE) INSTALLED IN DIRECT BURIED 100 MM PVC TYPE DB2/ES2 DUCT.
- PROPOSED SECONDARY CABLE: 3 - #3/0 AWG, ALUMINUM, COMPACT TRIPLEX, 600V, INSTALLED DIRECT BURIED.
- PROPOSED SECONDARY CABLE: 3 - 250 MCM, ALUMINUM, COMPACT TRIPLEX, 600V, INSTALLED IN DIRECT BURIED 100MM PVC TYPE DB2/ES2 DUCT.
- STREETLIGHT CABLE, DUPLEX 2 - #4 AWG, Cu., PVC INSULATED & JACKETED & 1 - #8 AWG, Cu., 300V RATED, TYPE NMWU, INSTALLED DIRECT BURIED.
- STREETLIGHT PEDESTAL SUPPLY CABLE: 4 - #2 AWG, Cu., XLP, INSULATED, 1000V, SERVICE ENTRANCE RATED, CSA APPROVED, TYPE RWU-90, JACKET COLOR CODED (2-BLACK, 1-WHITE, AND 1-GREEN) INSTALLED IN 50MM RIGID SCHEDULE OF PVC CONDUIT FOR DIRECT BURIAL.
- PROPOSED ROADCROSSING, DIRECT BURIED, PVC TYPE DB2/ES2 DUCT 50MM (STREETLIGHT CABLE) & 100MM DIAMETER (PRIMARY & SECONDARY CABLE), & NO.
- STREETLIGHT (PRIVATE) DECORATIVE 59W, 1 LED LIGHT SQUARE, 120-277V DUAL TAP VOLTAGE, COMPLETE WITH BUTTON TYPE PHOTOCELL, HOUSE SIDE SHIELD, TYPE II (SL2) G/W SPILL CONTROL DISTRIBUTION, CRI-70 - 3000K CCT, MCGRAW-EDISON GALLEON PEDESTRIAN SHERIES' CAT# GPC-AF-01-LED-E1-SL2-7030-BK-HSS (PHOTOMETRIC IES FILE # GPC-AF-01-LED-E1-SL2-7030-600-HSS/IES / P199947.IES) BLACK COLOUR TO MATCH STRAIGHT 127 MM (5") SQUARE, 4.77 MM (1/8") THICK, 7.62M (25') DIRECT BURIED ALUMINUM POLE, BY ALUMINOUS CAT # SSAL5-20-DB-1DR-BKTX FINISHED IN TEXTURED BLACK OR EATON LIGHTING CAT # SSX-5-M-25-S-BK-DRILL PATREIN-1-B-G-H
- BOLLARD, COMPACT, LOW PROFILE, 6W LED, 120V, COMPLETE WITH PHOTOCELL, BLACK FINISH, 762 MM HEIGHT, EATON LIGHTING 'ASPEN SERIES' CAT # 1900-DA-12LED3025-UNV-BK-7048-PK
- DRIVEWAY LOCATION
- STREETLIGHT SUPPLY PEDESTAL, PEDESTAL SOLUTIONS, CAT# SLS-1-4-15 COMPLETE WITH 60A, 2 POLE MAIN BREAKER AND 4 - 15A BRANCH BREAKERS, MOUNTED ON A PRECAST CONCRETE FOUNDATION, UTILICON CAT# UPI420 OR BROOKLIN CONCRETE PRODUCTS CAT# BCP20PED
- ILLUMINATION LEVEL IN UNITS OF LUX

REV #	DATE	DETAILS	BY	APP



DATOM GROUP LTD.
ELECTRICAL ENGINEERING

157 BRULE TRAIL
KING, ONTARIO
L7B 0C7
Ph. (905) 939-1074
Fax (905) 939-9074
E-mail: office@datomgroup.ca

TOWN OF NEWMARKET

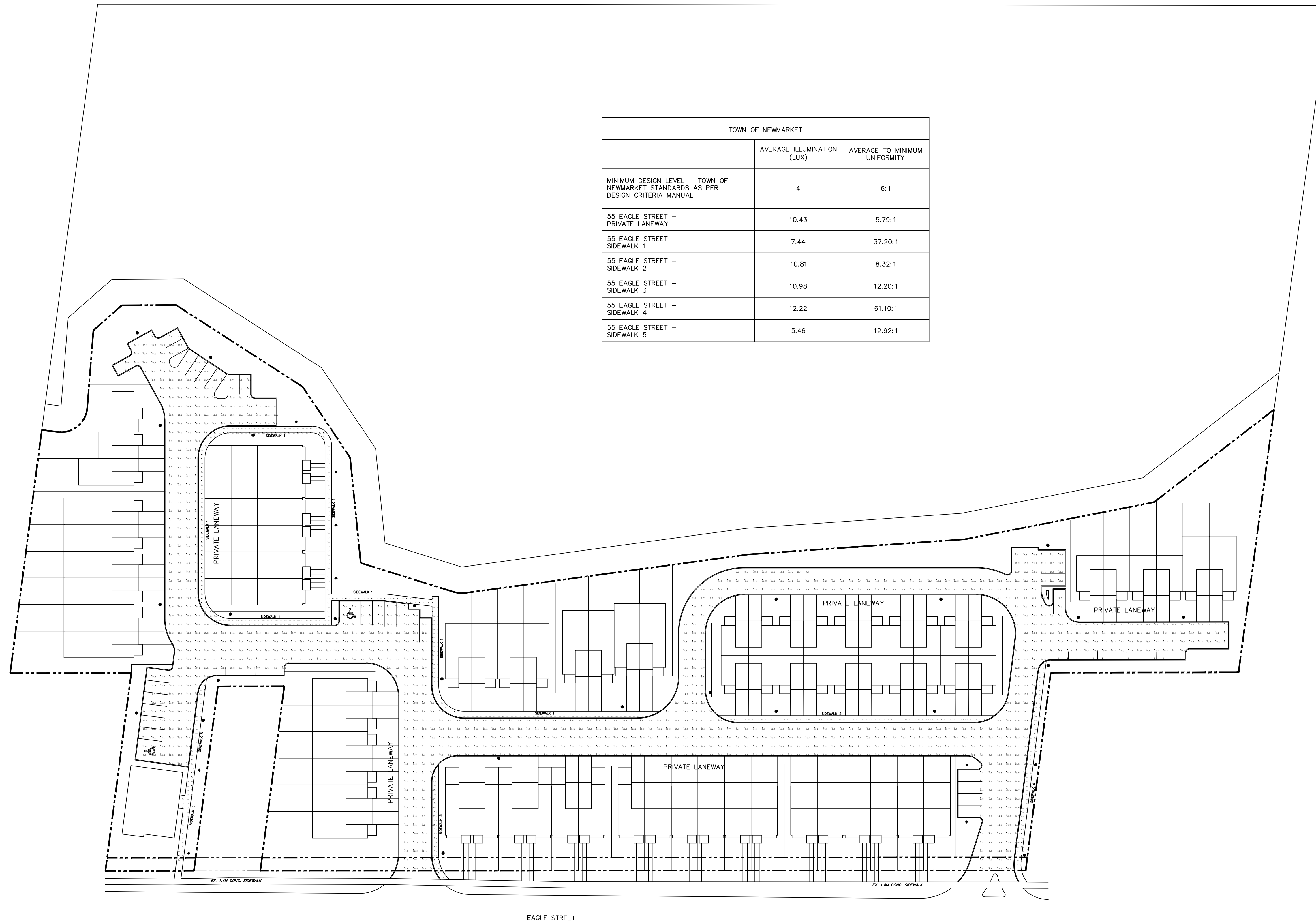
PROJECT
55 EAGLE STREET
MILLFORD DEVELOPEMENT LTD.

PHOTOMETRIC DATA (SITE)

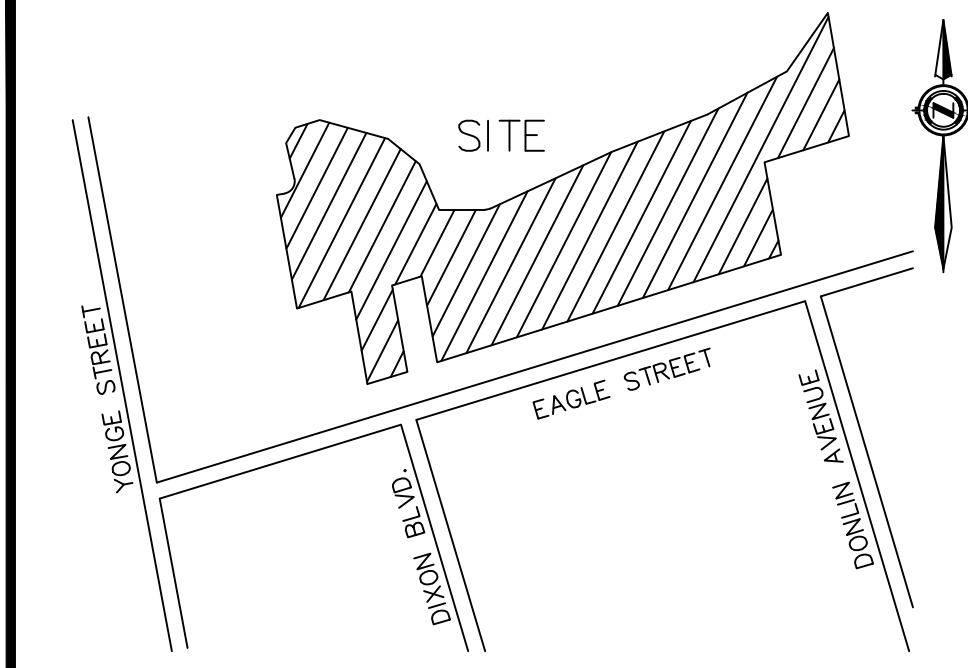
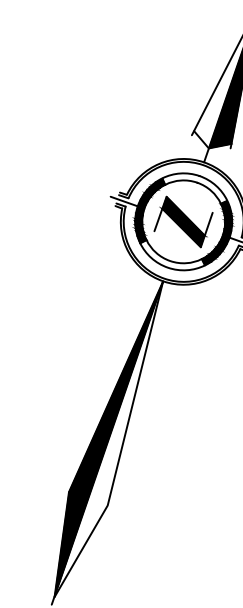
DRAWN	DATE	SCALE
FM	08/05/20	NTS
CHECKED	APPROVED	DWG. NO.
		20-114-PM2

CERTIFICATE OF APPROVAL
THE INSTALLATION WORK COVERED BY THIS DOCUMENT MEETS
THE SAFETY REQUIREMENTS OF SECTION 4 OF REGULATION 22 / 04

DAVID TOMINGAS P.ENG.
NAME DATE
PROFESSIONAL ENGINEER
SIGNATURE & PROFESSIONAL DESIGNATION



TOWN OF NEWMARKET		
	AVERAGE ILLUMINATION (LUX)	AVERAGE TO MINIMUM UNIFORMITY
MINIMUM DESIGN LEVEL – TOWN OF NEWMARKET STANDARDS AS PER DESIGN CRITERIA MANUAL	4	6:1
55 EAGLE STREET – PRIVATE LANEWAY	10.43	5.79:1
55 EAGLE STREET – SIDEWALK 1	7.44	37.20:1
55 EAGLE STREET – SIDEWALK 2	10.81	8.32:1
55 EAGLE STREET – SIDEWALK 3	10.98	12.20:1
55 EAGLE STREET – SIDEWALK 4	12.22	61.10:1
55 EAGLE STREET – SIDEWALK 5	5.46	12.92:1



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- ILLUMINATION LEVEL IN UNITS OF LUX

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TOWN OF NEWMARKET

PROJECT
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MILLFORD DEVELOPEMENT LTD.

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DAVID TOMINGAS P.ENG.
NAME DATE
PROFESSIONAL ENGINEER
SIGNATURE & PROFESSIONAL DESIGNATION

