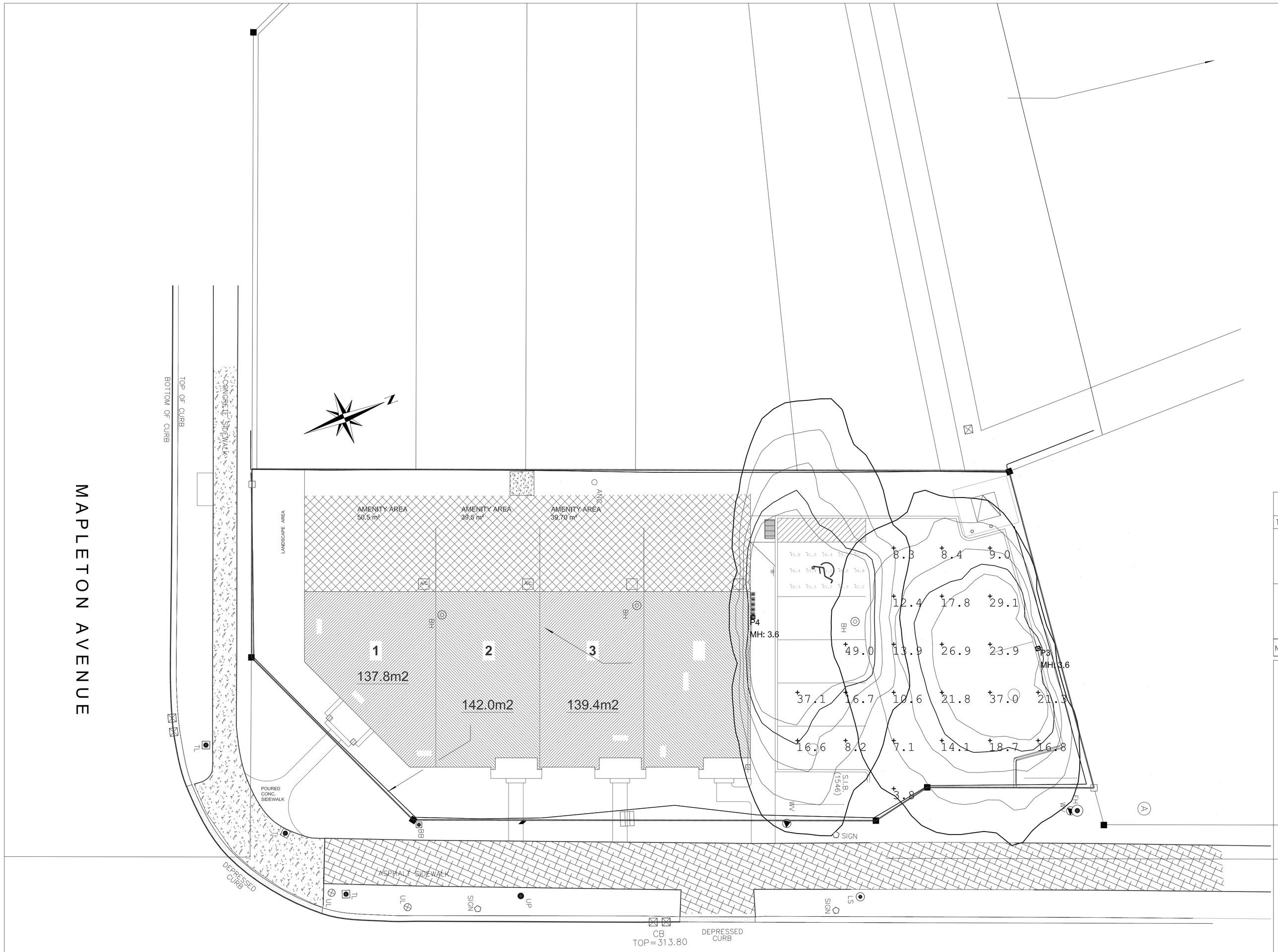


PHOTOMETRIC LAYOUT
SCALE : 1:200

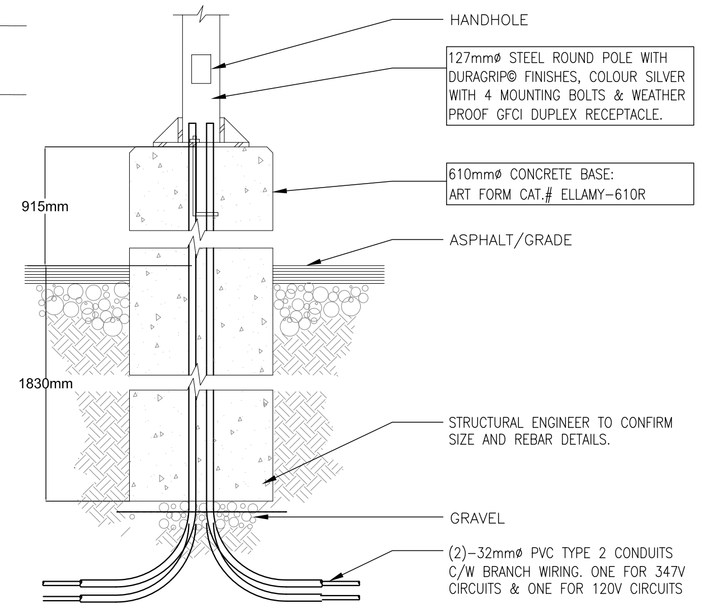
SITE LIGHTING LUMINAIRE SCHEDULE

TYPE	LAMPS	WATTAGE	VOLTAGE	DESCRIPTION	PICTURE
P3	32 LEDs	76W	347V	TYPE: (SINGLE) SINGLE ARM MOUNTED, CIMARRON LED CL1S MANUFACTURER: SPAULDING LIGHTING SUPPLIER: OMNILUMEN TECHNICAL PRODUCTS CONTACT: SEAN BOWKER – (647) 302–0685 CATALOG #: CL1S–32LU–4K–4–BC	
P4	48 LEDs	110W	347V	TYPE: (SINGLE) SINGLE ARM MOUNTED, CIMARRON LED CL1S MANUFACTURER: SPAULDING LIGHTING SUPPLIER: OMNILUMEN TECHNICAL PRODUCTS CONTACT: SEAN BOWKER – (647) 302–0685 CATALOG #: CL1S–48LU–4K–3–BC	

NOTES: ALL FIXTURES ARE MOUNTED ON 9' POLE WITH 3' BASE. WITH TOTAL MOUNTING HEIGHT OF 12'.

IMPORTANT NOTE:

1. ELECTRICAL CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING CONDUITS, PIPING AND DUCTS, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY THIS OR ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
2. RE–BAR REQUIREMENT AND SIZING SHALL BE PROVIDED BY THE STRUCTURAL ENGINEER.
3. THE LIGHT POLE'S CONCRETE BASE SHALL BE LOCATED AT MINIMUM OF 1000mm FROM THE EDGE OF THE PARKING CURB.



LIGHT POLE CONCRETE BASE SECTION
N.T.S.

CALCULATION SUMMARY

LABEL	CALCULATION TYPE	UNITS	AVERAGE	MAXIMUM	MINIMUM	AVG/MIN	MAX/MIN
PARKING LOT	ILLUMINANCE	LUX	17.65	44.3	6.0	2.94	7.38
ACCESSIBILITY PKG	ILLUMINANCE	LUX	58.33	71.3	42.9	1.36	1.66

engineer:

SPLINE GROUP
Mechanical & Electrical Engineers
#15 - 7015 Tranmere Drive, Mississauga, Ontario L5S 1T7
905.497.8388 t info@splinegroup.ca t www.splinegroup.ca

date (mm/dd/yy):	issued for:
04/21/17	UPDATED SITE PLAN
04/07/17	UPDATED SITE PLAN
08/03/16	UPDATED SITE PLAN
05/30/16	ISSUED FOR SITE PLAN APPROVAL
04/29/16	ISSUED FOR SITE PLAN APPROVAL

general notes:

1. THIS PRINT IS AN INSTRUMENT OF SERVICE ONLY AND IS THE PROPERTY OF THE ARCHITECT.
2. DRAWINGS SHALL NOT BE SCALED.
3. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
4. ATTENTION IS DIRECTED TO PROVISIONS IN THE GENERAL CONDITIONS REGARDING CONTRACTOR'S RESPONSIBILITIES IN REGARD TO SUBMISSION OF SHOP DRAWINGS.
5. IN THE EVENT THE ARCHITECT IS RETAINED TO REVIEW SHOP DRAWINGS, SUCH REVIEW IS ONLY TO CHECK FOR CONFORMANCE WITH DESIGN CONCEPT AND WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.
6. CONTRACTORS SHALL PROMPTLY NOTIFY THE ARCHITECT IN WRITING OF THE EXISTENCE OF ANY OBSERVED VARIATIONS BETWEEN THE CONTRACT DOCUMENTS AND ANY APPLICABLE CODES OR BY–LAWS.
7. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS AND OR TECHNIQUES IN THE CONSTRUCTION OF THIS FACILITY.

stamp:

LICENCED PROFESSIONAL ENGINEER
A.S.BHOGAL
100079257
04/29/2016
PROVINCE OF ONTARIO

KEYPLAN

project:
541 ESSA ROAD
BARRIE, ON

client:
INNOVATIVE PLANNING SOLUTIONS

title:
PHOTOMETRICS LAYOUT

scale: 1:150
drawn by: BK
checked by: AB
date: APRIL 2016
comm. no.: 16-038
sheet no.: E1.01A