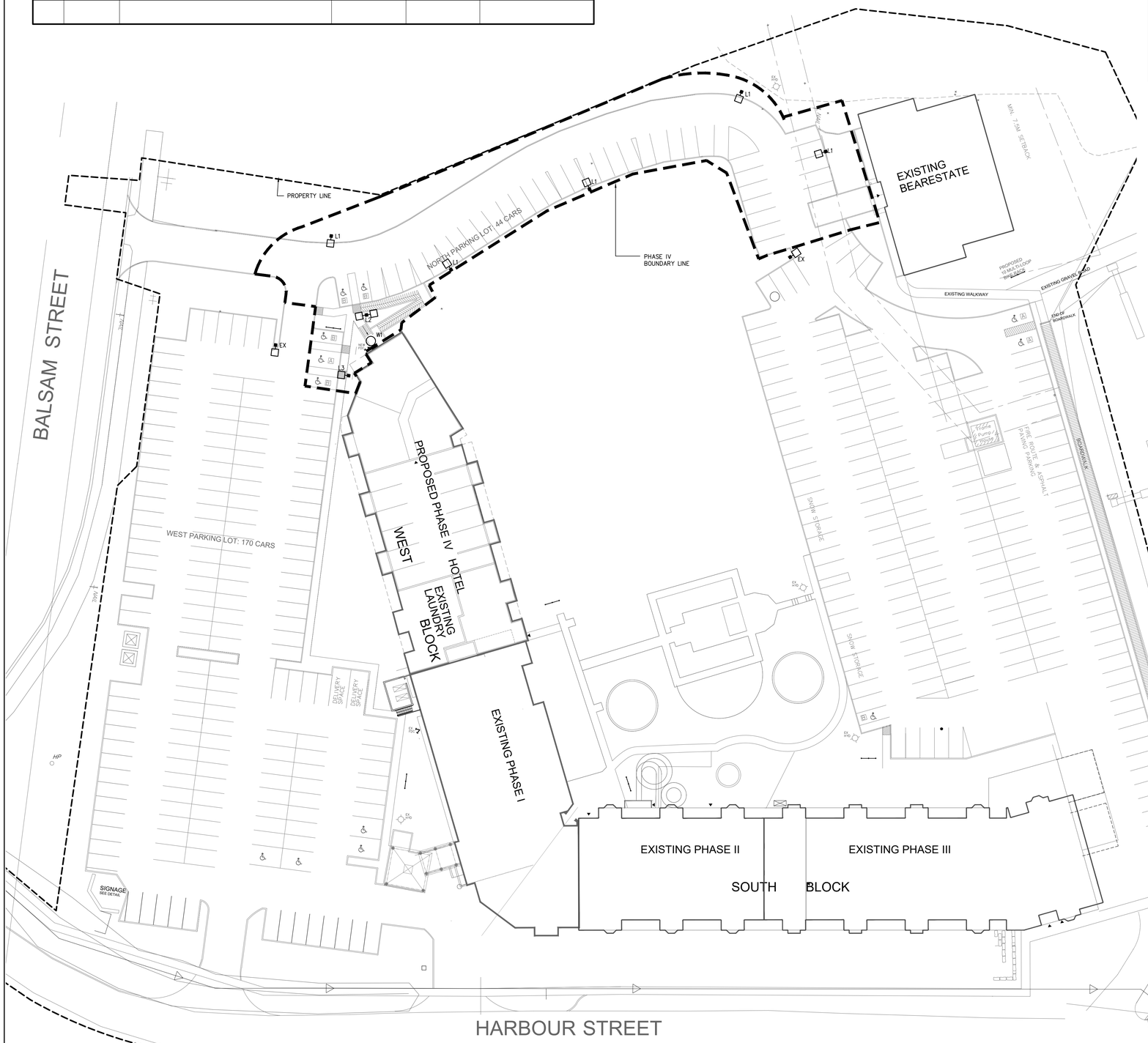
LUMINAIRE SCHEDULE

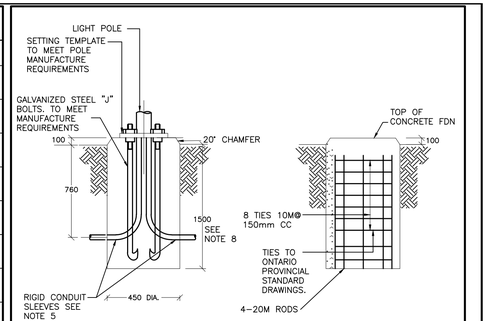
TYPE	SYMBOL	DESCRIPTION	LAMP	BALLAST	REMARKS
W1		EXTERIOR FULL CUT-OFF ARCHITECTURAL LED WALLPACK, TYPE IV DISTRIBUTION; MOUNTING HEIGHT AT 4.8M AFG.	42W LED, 4000K, 3806 LUM	347V ELECTRONIC LED DRIVER	HUBBELL LIGHTING #LNC2 SERIES OR APPROVED EQUAL.
L1		EXTERIOR SINGLE HEAD LED POLE LIGHT, LIGHT STANDARD C/W 5.09m HEIGHT POLE, 0.91m HEIGHT CONCRETE BASE. TYPE IV DISTRIBUTION, DARK BRONZE FINISH. C/W BACKLIGHT CONTROL. APPLICATION: EXTERIOR	110W LED, 4000K, 11816 LUM	ELECTRONIC LED DRIVER, VOLTAGE TO MATCH EXISTING	HUBBELL OUTDOOR LIGHTING #CL1S SERIES OR APPROVED EQUAL.
L2		EXTERIOR DOUBLE HEADS LED POLE LIGHT, LIGHT STANDARD C/W 8.09m HEIGHT POLE, 0.91m HEIGHT CONCRETE BASE. TYPE AUTO FRONT THROW OPTIC 1A DISTRIBUTION, DARK BRONZE FINISH. APPLICATION: EXTERIOR	2 X 80W LED, 4000K, 2 X 8162 LUM	ELECTRONIC LED DRIVER, VOLTAGE TO MATCH EXISTING	HUBBELL OUTDOOR LIGHTING #CL1 SERIES OR APPROVED EQUAL.
L3		EXTERIOR SINGLE HEAD LED POLE LIGHT, LIGHT STANDARD C/W 5.09m HEIGHT POLE, 0.91m HEIGHT CONCRETE BASE. TYPE AUTO FRONT THROW OPTIC 1A DISTRIBUTION, DARK BRONZE FINISH. APPLICATION: EXTERIOR	80W LED, 4000K, 8162 LUM	ELECTRONIC LED DRIVER, VOLTAGE TO MATCH EXISTING	HUBBELL OUTDOOR LIGHTING #CL1 SERIES OR APPROVED EQUAL.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
A	LED LUMINAIRES, CEILING MOUNTED, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
A1	LED WALL PACK, LETTER DENOTES FIXTURE TYPE PER SCHEDULE
	LIGHTING STANDARD WITH SINGLE OR DOUBLE HEADS
PC PC	PHOTOCELL
WP	WEATHER PROOF
1	DENOTES DRAWING REFERENCE NOTES # 1
1 / E02	DENOTES REFER TO DETAIL #1 ON DRAWING #E-02.



1 / E102 SITE PLAN – LIGHTING
SCALE: 1:400

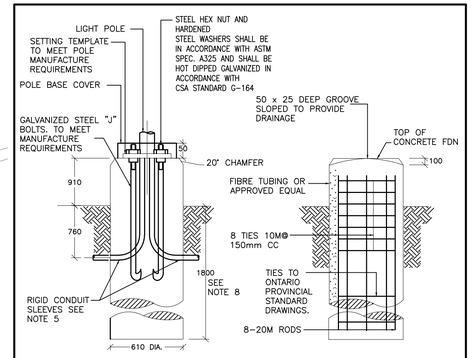


ELEVATION DIMENSIONS | ELEVATION REINFORCEMENT

NOTES:

1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
2. CONCRETE IN FOUNDATION SHALL BE PLACED AGAINST UNDISTURBED GROUND.
3. TOP OF FOUNDATION TO BE TRULY LEVEL
4. CONCRETE STRENGTH SHALL BE 30MPa. CONCRETE COVER 60mm.
5. RIGID CONDUIT SLEEVES SHALL BE 50mmø INTERNAL DIAMETER. 90° BENDS RIGID PVC OR PLASTISED POLYMERIC. MINIMUM OF 2 SLEEVES REQUIRED FOR EACH CONCRETE FOUNDATION UNLESS OTHERWISE INDICATED. ADDITIONAL CONDUITS FOR SPEAKERS AND/OR CAMERAS SHALL BE PROVIDED AS REQUIRED.
6. PROVIDE A 19mmø x 3000mm LONG GROUND ROD ADJACENT TO EACH POLE AND CONNECT TO METAL POLE WITH BARE #6 COPPER CONDUCTOR.
7. TIES SHALL BE 10M SIZE.
8. BASE BOTTOM SHALL BE 300mm INTO UNDISTURBED SOIL MINIMUM. DIV.16 SHALL RETAIN A STRUCTURAL ENGINEER TO REVIEW BASE HEIGHT AND FOUNDATION DETAIL BASED ON THE APPROVED LIGHTING FIXTURE SHOP DRAWINGS AND SOIL REPORT. DIV.16 SHALL NOT PROCEED ANY WORK WITHOUT THE APPROVAL OF STRUCTURAL ENGINEER.

3 / E102 LIGHTING STANDARD ROUND BASE
SCALE: N.T.S.



ELEVATION DIMENSIONS | ELEVATION REINFORCEMENT

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2 / E102 LIGHTING STANDARD ROUND BASE
SCALE: N.T.S.

STAMP

LICENSED PROFESSIONAL ENGINEER
M. J. LI
JAN. 11, 2019
10154F
PROVINCE OF ONTARIO

NO.	REVISION	DATE	BY
4.	ISSUED FOR SPA REVISION	JAN 11,19	ML
3.	ISSUED FOR PRICING	AUG. 28, 2018	ML
2.	ISSUED FOR REVIEW	AUG 17,18	ML
1.	ISSUED FOR SPA	APR 03,18	ML

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PROJECT TITLE
LAW DEVELOPMENT GROUP
HARBOUR CASTLE HOTEL PHASE IV

9 HARBOUR STREET EAST, COLLINGWOOD, ON

TITLE: SITE PLAN - LIGHTING	
SCALE: AS SHOWN	DRAWN BY: LS
DATE: NOV. 21, 2017	ISSUED: ML
PROJ NO: 10154F	DWG NO: E102
SITE PLAN APPLICATION FILE NO:	