



- DRAWING NOTES:**
1. NEW PAD-MOUNT UTILITY-OWNED TRANSFORMER. FOLLOW HOL STANDARDS AND COORDINATE ALL WORK WITH HOL. PROVIDE PRECAST BASE, GROUNDING, BOLLARDS. PRIMARY & SECONDARY CONNECTIONS TO THE TRANSFORMER BY HOL. FINAL LOCATIONS TO BE APPROVED BY HYDRO OTTAWA LIMITED (HOL). REFER TO UCS0002 FOR TRANSFORMER BASE GROUNDING. REFER TO UTS0038 FOR TRANSFORMER PAD CLEARANCES. REFER TO UCS0004 FOR TRANSFORMER BASE/PAD BACKFILLING. REFER TO UCS0001 FOR TRANSFORMER BASE/PAD CONSTRUCTION. REFER TO UFS0001 FOR PROTECTIVE BOLLARDS.
 2. EXISTING PAD-MOUNT UTILITY-OWNED SWITCHGEAR.
 3. NEW CONCRETE-ENCASED DUCTBANK. CABLES BY HYDRO UTILITY. FOLLOW HOL STANDARDS AND COORDINATE ALL WORK WITH HOL. REFER TO UDS0001 DETAIL D FOR DUCTBANK CROSS SECTION. REFER TO UDS0007 DUCT CONCRETE SPACERS. REFER TO GCS0002 PRIMARY VOLTAGE SERVICES SPECIFICATIONS.
 4. NEW CONCRETE-ENCASED DUCTBANK. FOLLOW HOL STANDARDS AND COORDINATE ALL WORK WITH HOL. REFER TO UDS0001 DETAIL D FOR DUCTBANK CROSS SECTION. REFER TO UDS0007 DUCT CONCRETE SPACERS. REFER TO GMS0005 UNDERGROUND SECONDARY CABLE SPECIFICATIONS.
 5. NEW CONCRETE-ENCASED DUCTBANK FOR EMERGENCY POWER. REFER TO OESC DETAIL 5/DIAGRAM D11.
 6. EXISTING PAD-MOUNT CUSTOMER-OWNED TRANSFORMER FOR EXISTING 5-STORY BUILDING.
 7. EXISTING FEED FOR ILLUMINATED SIGN TO REMAIN.
 8. EXISTING STREET SURVEILLANCE CAMERA AND VEHICLE DETECTION LOOP TO REMAIN AND SHALL BE RE-FEED FROM NEW LIGHTING CIRCUIT ON NEW LIGHTING POLE.

- GENERAL NOTES:**
1. ALL TREES IN PROXIMITY TO UNDERGROUND ELECTRICAL STRUCTURES TO MAINTAIN MIN. CLEARANCES AND/OR COME WITH ROOT BARRIER AS PER HYDRO OTTAWA'S DETAIL GCS0038.
 2. NEW TELECOM SERVICE ENTRANCE. POINT OF CONNECTION AND ROUTING TO BE COORDINATED WITH SERVICE PROVIDER(S) AND SHALL BE ADDED TO THIS DRAWING.
 3. LIGHTING LEGEND:
 TYPE A1: PARKING LOT POLE LIGHTING, SINGLE HEAD.
 TYPE A2: PARKING LOT POLE LIGHTING, DOUBLE HEADS.
 TYPE B: BOLLARD LIGHTING.
 TYPE C: SMALL POLE LIGHTING, SINGLE HEAD.
 TYPE D: BUILDING MOUNTED LIGHTING.
 TYPE E: SOFFIT LIGHTING.
 'EX' DENOTES EXISTING POLE LIGHTING FIXTURE.
 4. ALL EXTERIOR LIGHTING FIXTURES SHALL BE CONTROLLED VIA PHOTOCELL TO AUTOMATICALLY TURN OFF WHEN SUFFICIENT DAYLIGHT IS AVAILABLE.
 5. EXTERIOR LIGHTING FIXTURES SHALL BE CONTROLLED TO AUTOMATICALLY REDUCE CONNECTED LIGHTING POWER BY 50% BETWEEN MIDNIGHT AND 6AM.

REVISIONS:

| REV | DATE | DESCRIPTION | BY |
|-----|------------|---|----|
| E | 2024-08-21 | RE-ISSUED FOR FINAL SITE PLAN APPLICATION | |
| D | 2024-07-08 | ISSUED FOR FINAL SITE PLAN APPLICATION | |
| C | 2024-01-23 | ISSUED FOR SITE PLAN APPLICATION | |
| B | 2023-09-08 | ISSUED FOR DESIGN DEVELOPMENT REVIEW | |
| A | 2022-10-07 | ISSUED FOR CONCEPT DESIGN | |



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APPROVED BY: SS
CHECKED BY: TB
DRAWN BY: LL / JP

DATE: 2024-08-21

IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.

25mm

DISCIPLINE: ELECTRICAL

wsp
WSP Canada Inc.

PROJECT NUMBER: 221-08396-00

CLIENT:
ST. PATRICK'S HOME OF OTTAWA

CLIENT REF. #:

PROJECT:
ST. PATRICK'S SENIOR RESIDENCE

TITLE:
SITE PLAN - ELECTRICAL NEW

DRAWING NUMBER:
E-102(A1)

REV:
RE

LUMINAIRE SCHEDULE

| TYPE | DESCRIPTION | MANUFACTURER | MODEL | LUMENS | WATTS | MOUNTING HEIGHT |
|------|--|--------------|--------------------------------|--------|-------|-----------------|
| A1-1 | PARKING LOT POLE LIGHTING, SINGLE HEAD | GARDCO | OPF-M-A08-740-T3M | 13628 | 74.41 | 7 METERS |
| A1-2 | PARKING LOT POLE LIGHTING, SINGLE HEAD, BACKLIGHT CONTROL | GARDCO | OPF-M-A09-740-BLC | 11913 | 93 | 7 METERS |
| A1-3 | PARKING LOT POLE LIGHTING, SINGLE HEAD | GARDCO | OPF-M-A08-740-T4W | 13150 | 74.41 | 7 METERS |
| A2 | PARKING LOT POLE LIGHTING, DOUBLE HEADS, BACKLIGHT CONTROL | GARDCO | OPF-M-A09-740-BLC | 11913 | 93 | 7 METERS |
| B | BOLLARD LIGHTING | LUMENPULSE | MOBB6-R-120-CL-CO-40X-CRI 70-3 | 745 | 12 | - |
| C-1 | SMALL POLE LIGHTING, SINGLE HEAD | GARDCO | OPF-S-P02-740-T3M | 4295 | 23 | 4.6 METERS |
| C-2 | SMALL POLE LIGHTING, SINGLE HEAD | GARDCO | OPF-S-A01-740-LCR | 4021 | 42 | 4.6 METERS |
| D-1 | BUILDING MOUNTED LIGHTING | GARDCO | GCS-A01-740-T3M | 1756 | 10.2 | - |
| D-2 | BUILDING MOUNTED LIGHTING AT OVERHEAD DOOR | GARDCO | GCS-A01-740-T4M | 1714 | 10.2 | - |
| E | SOFFIT RECESSED LIGHTING | LIGHTOLIER | ZF6RDL10940WCCD | 1032 | 10 | - |

1 SITE PLAN - ELECTRICAL NEW(A1)
E-102(A1) 1:500