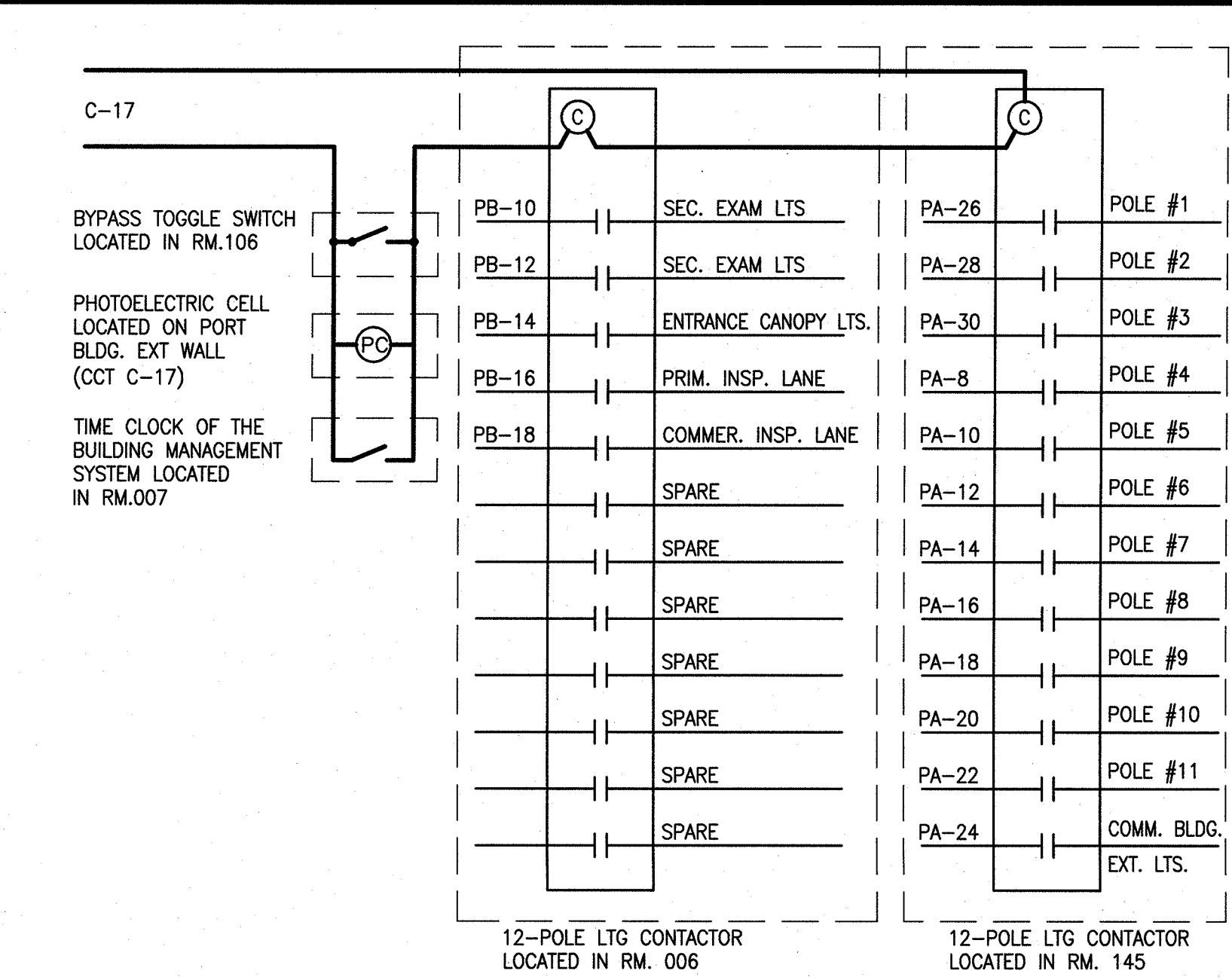


1 SITE LIGHTING PLAN
SCALE 1:250



2 EXISTING EXTERIOR LIGHTING CONTROL DIAGRAM
SCALE N.T.S.

| FIXTURE SCHEDULE | | | | | | |
|------------------|--|----------------------------------|---------------|-------------|---|-------|
| SYMBOL | DESCRIPTION | LAMP | SYSTEM LUMENS | INPUT WATTS | MOUNTING | PHOTO |
| H | LED CANOPY LUMINAIRE - TYPE 3 DISTRIBUTION C/W NEW PENDANT MOUNT (347V) | INTEGRAL LEDs, 4000K, MIN. 70CRI | 6,814 | 73 | SUSPENDED FROM CANOPY WITH NEW PENDANT MOUNT FROM EXISTING BOX | |
| G | MCGRAW-EDISON #VPL-B03-LED-347-GL3-PBG ACUTY BRANDS PHILIPS LIGHTING | INTEGRAL LEDs, 4000K, MIN. 70CRI | 6,814 | 73 | WALL MOUNTED; TO REPLACE EXISTING IN SAME LOCATION | |
| N | LED POLE-TOP AREA LUMINAIRE - TYPE 4 C/W ROUND POLE-TOP ADAPTER AND ARM, 530mA DRIVE CURRENT (347V) | INTEGRAL LEDs, 4000K, MIN. 70CRI | 19,974 | 209 | NEW POLE-TOP ADAPTER FOR EXISTING ROUND POLE (IF REQUIRED); FIXTURE ORIENTATION AS PER DRAWINGS | |
| O | EXTERIOR LED WALL MOUNT LUMINAIRE - TYPE 3 DISTRIBUTION (347V) | INTEGRAL LEDs, 4000K, MIN. 70CRI | 3,996 | 51 | SURFACE ON EXTERIOR WALL; TO REPLACE EXISTING IN SAME LOCATION | |
| T | MCGRAW-EDISON #ISC-B02-LED-347-BL3 ACUTY BRANDS PHILIPS LIGHTING | INTEGRAL LEDs, 4000K, MIN. 70CRI | 3,421 | 34 | SURFACE UNDER EXTERIOR CANOPY; TO REPLACE EXISTING IN SAME LOCATION | |
| T1 | 150mm EXTERIOR LED RECESSED DOWNLIGHT - MEDIUM BEAM, SELF-FLANGED WHITE REFLECTOR, WHITE Baffle (347V) | INTEGRAL LEDs, 4000K, MIN. 70CRI | 2000 | 31.5 | RECESSED TO REPLACE EXISTING IN SAME LOCATION | |

3 FIXTURE SCHEDULE
SCALE N.T.S.

| POLE SCHEDULE | | | |
|---------------|--|--|--------------|
| SYMBOL | DESCRIPTION | EXISTING FIXTURE | POLE NUMBERS |
| | 18.3m TAPERED ALUMINUM POLE C/W THREE POLE TOP FIXTURES & ARMS | TYPE N-MCGRAW EDISON #GSM-AM-320-MH-TT-2F-FG-L-MA1004-XX | 10 |
| | 18.3m TAPERED ALUMINUM POLE C/W THREE POLE TOP FIXTURES & ARMS | TYPE N-MCGRAW EDISON #GSM-AM-320-MH-TT-2F-FG-L-MA1004-XX | 7 |
| | 18.3m TAPERED ALUMINUM POLE C/W TWO POLE TOP FIXTURES & ARMS | TYPE N-MCGRAW EDISON #GSM-AM-320-MH-TT-2F-FG-L-MA1004-XX | 1, 11 |
| | 18.3m TAPERED ALUMINUM POLE C/W TWO POLE TOP FIXTURES & ARMS | TYPE N-MCGRAW EDISON #GSM-AM-320-MH-TT-2F-FG-L-MA1004-XX | 6, 8, 9 |
| | 18.3m TAPERED ALUMINUM POLE C/W TWO POLE TOP FIXTURES & ARMS | TYPE N-MCGRAW EDISON #GSM-AM-320-MH-TT-2F-FG-L-MA1004-XX | 2 |
| | 18.3m TAPERED ALUMINUM POLE C/W TWO POLE TOP FIXTURES & ARMS | TYPE N-MCGRAW EDISON #GSM-AM-320-MH-TT-2F-FG-L-MA1004-XX | 3 |
| | 18.3m TAPERED ALUMINUM POLE C/W ONE POLE TOP FIXTURE & ARM | TYPE N-MCGRAW EDISON #GSM-AM-400-MH-TT-2F-FG-L-MA1004-XX | 4, 5 |

4 EXISTING POLE SCHEDULE
SCALE N.T.S.

- NOTES**
- GENERAL FOR EXTERIOR LIGHTING CONTROL, REFER TO DIAGRAM ON THIS DRAWING.
 - ALL POLE LOCATIONS ARE EXISTING. EXISTING FIXTURES TO BE REPLACED WITH NEW TYPE AS INDICATED WITH NEW POLE TOP TENON, ADAPTERS, BRACKETS, ARMS, ETC. AS REQUIRED.
 - POLE MOUNTED CAMERA & OUTLET ARE TO REMAIN IN OPERATION AND ARE NOT TO BE AFFECTED BY WORK OF THIS CONTRACT.
 - ALL UNDERGROUND CONDUIT ROUTING SHOWN IS EXISTING AND IS TO REMAIN.
 - EXISTING TYPE 'N' FIXTURES & BRACKETS MOUNTED WITH A 90° ORIENTATION REPLACED WITH NEW TYPE 'N' FIXTURES & BRACKET FOR "TWINNED" MOUNTING ORIENTATION.

| SYMBOL | LEGEND |
|--------|---|
| | LIGHT FIXTURE. LETTER INDICATES TYPE IN FIXTURE SCHEDULE; W-WALL MOUNTED; ARROW INDICATES AIMING DIRECTION. |
| | EXISTING LIGHTING PHOTOELECTRIC CELL. |
| | EXISTING LIGHTING TIME CLOCK TO BE RE-PROGRAMMED. |
| | EXISTING HOME RUN; CROSS HATCHES OR NUMBER INDICATE NUMBER OF WIRES, NO CROSS HATCHES OR NUMBER INDICATE 2#12 RW90 IN 12mm EMT FOR LIGHTING; 2#10-INDICATES 2#10 WIRES IN CONDUIT SIZED TO C.E.C. |
| | EXISTING WIRING AND CONDUIT OR DUCT UNDER SLAB OR UNDERGROUND. SIZED AS INDICATED. |
| | EXISTING NB POWER WOOD POLE. |
| | EXISTING SURFACE MOUNTED ELECTRICAL PANEL. |
| | EXISTING RECESSED MOUNTED ELECTRICAL PANEL. |
| | EXISTING ELECTROMAGNETIC 2 OR 12 POLE LIGHTING CONTACTOR C/W 120V CONTROL TRANSFORMER. |
| | EXISTING 19mm x 3m COPPER GROUND ROD. |
| | EXISTING 18.3m ALUMINUM LIGHTING POLE; 2-INDICATES POLE NUMBER. |

| | | |
|-----------|-------------------|------------|
| 0 | ISSUED FOR TENDER | 2015.03.31 |
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EXTERIOR LIGHTING REPLACEMENT
PORT OF ANDOVER

ELECTRICAL SITE LIGHTING PLAN, LEGEND, DETAILS & FIXTURE SCHEDULE

| | | |
|----------------------|--------------------------------|---------------|
| designed | GLENN MACMULLIN, P.ENG | conçu |
| date | 2015.03.31 | date |
| drawn | JODI PARKER | dessiné |
| date | | date |
| approved | TRACEY MCDADE, P.ENG | approuvé |
| date | 2015.03.31 | date |
| Tender | | Submission |
| PWSC Project Manager | Administrateur de projets TPSC | |
| project number | | no. du projet |
| | R.073544.001 | |
| drawing no. | | no. du dessin |
| | E1 of/de 2 | |