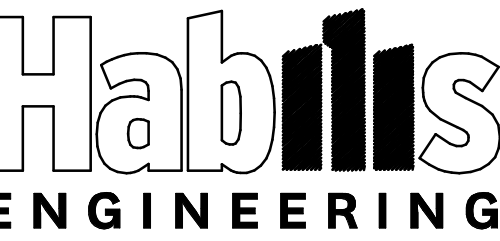


GENERAL NOTES	
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1. EXTERNAL LIGHT AND SIGNAGE TO BE CONTROLLED BY PHOTOCELL & MANUAL OVER-RIDE SWITCH / TIMER. REFER TO DETAIL.
2. CONTRACTOR TO VERIFY VOLTAGE DROP. RUN # 8 AWG FOR EXTERNAL LIGHTS / SIGNAGE.
3. MAIN ELECTRICAL SERVICE. WORK TO COMMENCE ONLY IN COORDINATION WITH LOCAL HYDRO INCLUDING THE BELOW:
- A. INCOMING SERVICE LOCATION
- B. TRANSFORMER LOCATION
4. THE CONTRACTOR TO PROVIDE THE MAIN ELECTRICAL SWITCHBOARD FOR HYDRO REVIEW / APPROVAL. THIS IS NEEDED TO INSURE THAT THE METER COMPARTMENT WILL BE SWITCHABLE FOR REVIEW METERING EQUIPMENT.
5. ALL ELECTRICAL WIRING TO BE COORDINATED WITH HYDRO BEFORE COMMENCING WORK.
6. SECONDARY CABLES TO BE PART OF ELECTRICAL CONTRACT SCOPE (DIV. 16) AS DEFINED BY HYDRO OFFER TO CONNECT THE POWER TO HYDRO STANDARD TO BE FOLLOWED FOR CONCRETE PAD, GROUNDING, BOLLARDS, PRIMARY CABLE AND OTHERS.
7. OCCUPANCY SENSORS SPECIFICATION TO PROVIDE FULL COVERAGE, COMBINE WITH SUPPLIERS PULL TO TROUGH WHEN A FULL COVERAGE.
8. BATTERY UNIT CAPACITY SHALL BE 200H.

NOTES FOR METERING

- | | |
|----|---|
| 1. | PROVIDE 2#14 AWG BUS TAPS ON MAIN SWITCHGEAR FOR VOLTAGE SENSING C/W 15A-3P BREAKER. VOLTAGE TAPS MUST BE CO-ORDINATED WITH METERING SYSTEM SUPPLIER. |
| 2. | TRANSDUCER FOR METERING DATA COLLECTION, SUPPLIED BY METERING PROVIDER, INSTALLED BY DIVISION 26. JUNCTION BOX 150 X 150 X 50 MM Ø D/C/W COVERED AND 20 MM Ø CONDUIT RISER FOR DIGITAL METERING. PROVIDE DUPLEX RECEPTACLE ADJACENT JUNCTION BOX FOR EXCLUSIVE USE OF DIGITAL METERING. |
| 3. | SIECO-TECH MULTIPLE CUSTOMER METERING SYSTEM (TO BE PROVIDED BY METERING COMPANY). EC TO DO ALL CONDUITING / WIRING AS PER METERING COMPANY REQUIREMENT). |



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AUG 09, 2026	ISSUED FOR SPA COMMENTS
JUN 09, 2026	GOLED FOR SPA
DATE	DESCRIPTION

PROJECT LOGO AND ADDRESS

QUEEN ELIZABETH
RESIDENCES

35 BARKER STREET, PICTON, ON

Y PLAN

INSTRUCTION NORTH	TRUE NORTH

DISCLAIMER

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THE USER, WHICH A THIRD PARTY MAKES OF THE CONTRACT DOCUMENTS, OR ANY RELIANCE ON DECISIONS TO BE MADE BASED ON THEM IS THE RESPONSIBILITY OF SUCH THIRD PARTY.

THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR DAMAGE, IF ANY, SUFFERED BY ANY THIRD PARTY AS A RESULT OF DECISIONS MADE OR ACTIONS ON THE CONTRACT DOCUMENTS.

B NUMBER	26003
SCALE	1 : 250
DATE	11/05/23
DRAWN BY	RC
VIEWED BY	HS

DRAWING NAME
ELECTRICAL. SITE PLAN,
DRAWING LIST, LEGEND,
NOTES

DRAWING NUMBER

E000



1
E000 SITE PLAN 1 : 250

FINISHED GRADE

750 MM MAX

PACKED SAND AND BACKFILL CAUTION TAPE

130

150

150

REINFORCING RODS (TYPICAL)

4-100 MM DUCTS

75 MM CONCRETE ENVELOPE

130 150 130

Diagram illustrating the cross-section of a trench for TEL & TV cables. The trench is 912 mm deep. The bottom is filled with packed sand and backfill. Three 100 mm ducts are laid out horizontally, each 150 mm apart. The top of the trench is at finished grade.

Diagram D8: Direct Buried. Detail 7: 6 Cables Per Phase. This cross-sectional diagram illustrates the installation of three-phase cables (A, B, and C) in a trench. The trench is filled with packed sand and backfill, and a caution tape is placed at the bottom. The trench depth is 615 (MAX). The bottom of the trench is divided into three sections: 190MM, 610MM, and 190MM. The 190MM sections contain three cables each, labeled A, B, and C. The total width of the trench is 190MM/190MM 610MM 190MM/190MM.

A cross-sectional diagram of a road construction. The diagram shows a vertical cross-section with several layers. At the top, a horizontal line is labeled "FINISHED GRADE". Below this, there is a layer of "WARNING TAPE" represented by a wavy line. Below the tape is a layer of "CLEAN BACKFILL COMPACTED 100% S.P.D." represented by a stippled pattern. Below the backfill is a layer of "50 MM S/L DUCTY QTY. AS REQD" represented by a pattern of small circles. At the bottom is a layer of "SAND FILL" represented by a pattern of small dots. On the left side, two vertical dimension lines are shown: one for the top 300MM section and another for the bottom 700MM section.

PLAN VIEW

SECTION A-A

NOTES:

1. REFER HYDRO STANDAR DETAIL

1. ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCH. DRAWINGS, MECH. DRAWINGS, PLUMBING DRAWINGS, AND OTHER TRADE DRAWINGS FOR THE ELECTRICAL OUTLETS.
2. DRAWINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION, AND ELECTRICAL COLOURS, MATERIALS & ETC.
3. THE ELECTRICAL SYMBOLS AND APPLIANCE RECEPTACLE SHALL CONFORM TO LOCAL ELECTRICAL CODES AND THE LATEST EDITION, AND ELECTRICAL RECEPTACLE SHALL CONFORM TO LOCAL ELECTRICAL CODES.
- 3.1 REFER TO CHANGES DRAWINGS FOR LOCATION OF THERMOSTATS, MOTORS AND EQUIPMENT.
4. THE DEPTH OF PAD MOUNT TRANSFORMER FOUNDATION SHALL CONFORM TO THE ELECTRICAL CODES.
5. REFER TO CHANGES DRAWINGS AND RELEASE UPON FIRE ALARM ACTIVATION.
6. NORMAL CONTACTS AND CONTACTS TO BE PROVIDED FOR THE FOLLOWING TO THE ELEVATOR FLOOR:
 - 6.1 GENERAL ALARM
 - 6.2 ELEVATOR LOGIC SMOKE DETECTOR AT GROUND FLOOR
 - 6.3 SHIRT SMOKE DETECTOR
 - 6.4 LOGIC SMOKE DETECTOR
 - 6.5 EXTERIOR RECEPTABLES TO BE PROVIDED WITH WEATHER PROTECTION
7. RECEPTABLE DECORS COLOR TO MATCH WALL COLOR.

[illegible]

1. BACK TO BACK RECEPTACLES, COMMUNICATION OUTLETS AND SWITCHES ARE TO BE AVOIDED IN DEMISING WALLS. THEY SHOULD BE STAGGERED BY A MINIMUM OF 12" OR ONE STUD SPACE.
2. TRUNKING FOR CONDUITS AND CABLES SHOULD BE FLEXIBLE AND INCORPORATE A FULL 90 DEGREE LOOP. WHERE THIS IS NOT POSSIBLE, ISOLATION HANGERS OR MOUNTS SHOULD BE USED TO LIMIT VIBRATION TO STRUCTURE.
3. ISOLATION SHOULD BE SELECTED BASED ON 3 MM STATIC DEFLECTION UNDER THE SUPPORTED LOAD. ALL CONDUIT PENETRATIONS SHOULD BE ACOUSTICALLY SEALED TO MAINTAIN PERFORMANCE OF ACOUSTICALLY RATED WALLS.

TE DETAILING.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE PHASE MOTOR, HP AS DESCRIBED		120V GROUND DUPLEX RECEPTACLE		ELECTRICAL PANEL
	THREE PHASE MOTOR, HP AS DESCRIBED		120V 2-WIRE 15A GROUND DUPLEX RECEPTACLE		TRANSFORMER FROM 120V/240V FOR DOOR BELL
	DISCONNECT SWITCH CONNECTION TO EQUIPMENT		120V 1-WIRE 15A DUPLEX RECEPTACLE		HORN SOUNDING FOR DOOR SIGNAL FOR HEARING IMPAIRED
	EMERGENCY POWER CONNECTION TO DISCONNECT SWITCH - FUSE AND SIZE AS NOTED		120V 1-WIRE 15A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		DOOR BELL (AC) UNIT/ DISBURB SWITCH
	MOTOR STARTER SUPPLIED BY DISCONNECT SWITCH		GROUNDING OUTLET FOR MOUNTED ABOVE JOIST OR ON THE NEAR OR CENTER STUD		PUSH BUTTON (EMERGENCY) PUSH BUTTON
	MOTOR STARTER SUPPLIED BY DISCONNECT SWITCH BUT INST. & WIRING BY OTHER		120V 2-WIRE 15A DUPLEX RECEPTACLE CONNECT WITH 3 1/8 IN. AND GROUNDING CONNECT WITH 1/2 IN. THRU 3/4 IN. CONDUIT		EMERGENCY POWER CONNECTION FOR FUTURE CABLE PANEL, 2 WIRING STATION
	METRIC STARTER		120V 2-WIRE 15A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		120V GROUND DUPLEX RECEPTACLE FOR EMERGENCY
	JUNCTION BOX		120V 2-WIRE 15A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		120V GROUND DUPLEX RECEPTACLE FOR REFRIGERATOR
	IN SUITE TELECOMMUNICATION PANEL, 120V OUTLET INSIDE THE PANEL, 120V OUTLET FROM SUITE PANEL		120V 2-WIRE 15A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		120V GROUND DUPLEX RECEPTACLE FOR REFRIGERATOR
	ANNUNCIATOR CW SOUNDER		120V 2-WIRE 15A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		REFRIGERATOR
	RELAY		120V 2-WIRE 15A DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		OVERHEAD UNIT BY OTHER
			DUAL PORTS LEVEL 2 CHARGING STATION		DUAL PORTS LEVEL 2 CHARGING STATION

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SECURITY CARD READER ROUGH-IN		WIRELESS RECEIVER		TELEPHONE ENTRY UNIT
	DOOR CONTACT ROUGH-IN		ELECTRIC STRIKE		CAMERA
	MAGNETIC LOCK		INTERROOM		REQUEST TO EXIST MOTION
	C/L				

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WALL MOUNTED TELEPHONE / TELECOMMUNICATION OUTLET		WALL MOUNTED INTERCOM		ANY OF THE NOTED DEVICE TO BE FLUSH OUTLETS
	WALL MOUNTED TELEVISION OUTLET		WALL MOUNTED VIDEO INTERCOM		WIRELESS ACCESS POINT
	WALL MOUNTED DATA OUTLET		WALL MOUNTED SUITE SECURITY PANEL		WIRELESS RECEIVER CONNECTION

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE POLE SINGLE THROW SWITCH WITH ONE TWO OR THREE GAN COOPERATE ACTIVELY	S DL	DOOR BELL (ACC USINS)		EXTERIOR SINGLE HEAD LIGHT
	THREE-WAY SWITCH	S NL	ILLUMINATED LIGHT SWITCH IN OUTLET WM		WALL MOUNTED OCCUPANCY SENSOR
	DIMMER SWITCH		LIGHTING FIXTURE, CEILING AND WALL MOUNTED RESPECTIVELY		CEILING MOUNTED OCCUPANCY SENSOR
	LOW VOLTAGE SWITCH		LIGHTING FIXTURE CONNECTED TO EMERG. LIGHTING CIRCUIT		PHOTOEYE IN WEATHER-PROOF HOUSING
	NITE LITE SWITCH OVER-ROOF FOR NITE LIGHTING		EMERGENCY LIGHTING UNIT		
	SUITE LITE WALL SWITCH OVER-ROOF FOR NITE LIGHTING		EMERGENCY BATTERY UNIT COW 18 WATT LAMP RECHARGE LUMENS		

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	HEAT DETECTOR, COIN. TO B.D. FREE ALARM CONTROL SYSTEM		CO DETECTOR - AMERICAN SPECIALTY		FIRE ALARM HORN
	SMOKE DETECTOR, COIN. TO B.D. FREE ALARM CONTROL SYSTEM		24 CO DET. - WELLSCHLAEGER, MAGNIFLO 24V, OR APP. EQUAL		FIRE ALARM COMBO HORN AND STROBE LIGHT
	120 VOLT COMBO SMOKE AND HEAT DETECTOR		120 VOLT COMBO SMOKE AND HEAT DETECTOR		FIRE ALARM STROBE LIGHT
	QUESTION MARK SMOKE DETECTOR WITH INTELLIGENT SOUNDER BASE		EXIT LIGHT (GLOWING) CW FACES AND ARROWS AS INDICATED		FIRE ALARM PULL STATION
	EXIT LIGHT (WALL) CW FACE AND LIGHT		EXIT LIGHT (WALL) CW FACES AND ARROWS AS INDICATED		SMOKE DETECTOR
	EXIT LIGHT (WALL) CW FACE AND LIGHT				

[illegible]

3. SUBSTITUTIONS OF LIGHT FIXTURES ARE NOT PERMITTED. IF THE CONTRACTOR SUBSTITUTES LIGHTING FIXTURES THE CONTRACTOR SHALL SUBMIT A LETTER OF SUBSTITUTION TO THE CITY ENGINEER BY THE OFFICE OF THE SITE LIGHTING CONSULTANT AND ALL COSTS ASSOCIATED WITH SITE PLAN RE-SUBMISSION TO THE CITY.
4. EXTERIOR LIGHTS WILL REQUIRE BACK-LIGHT CONTROL OPTICS. NO ADDITIONAL SHIELDING IS PROVIDED.
5. ALL EXTERIOR LIGHTING POLES ARE TO BE GALVANIZED TO PREVENT CORROSION.
6. ALL EXTERIOR LIGHTING MUST BE CONTROLLED BY AN ASTRONOMICAL TIME CLOCK (INTERCOM www.the245rcs.com) TO ENSURE THAT IT IS NOT "ON" PRIOR TO SUNRISE AND NOT "OFF" PRIOR TO SUNSET. LIGHTING POLES, WALL MOUNTED LIGHTING, AND CANOPY LIGHTS ARE TO BE WIRED SEPARATELY (4-2CIRCUIT TIME CLOCK) SUCH THAT THEY CAN BE SOUGHT TO BE OFF AT THE SAME TIME.
7. PROVIDE DEDICATED DIMMING CONTROLS FOR CANOPY LIGHTS AT FRONT OF PROPERTY. DIMMING TO BE CALIBRATED SUCH THAT LIGHT SPILL IS MINIMIZED AND LIGHTING IS APPROPRIATE FOR THE PROPERTY.

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2	AUG 05, 2026	ISSUED FOR SPA COMMENTS
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DB NUMBER 26003

As indicated

11/19/24

RAWN BY RC

REVIEWED BY HS

SITE PLAN DETAILS

DRAWING NUMBER

E001

2001

1

CIRCLE DIAMETER AND ANCHOR BOLTS AS PER MANUFACTURERS RECOMMENDATIONS

WRAPAROUND ALUMINUM COLORED ACETATE BANDS (REFLECTIVE SAFETY YELLOW #41)

FINISHED GRADE

10M HOOPS AT 10" (250mm) O.C. W/ C.W. DOUBLE TOP AND 3" (75mm) MIN. COVER

10M HOOPS AT 10" (250mm) O.C. W/ C.W. DOUBLE TOP AND 3" (75mm) MIN. COVER

32 MPA/POURED CONCRETE BASE

8-BAR REINFORCEMENT ROD CW 3" (75mm) MIN. COVER

2

EXTENDED GALVANIZED STEEL "F" BOLTS AS SUPPLIED BY MANUFACTURER

BOASTURE FORMED BASE TO BE INSTALLED AS PER ARTIFORMS SUPPLY INSTRUCTIONS. CONCRETE IN BASE MUST BE VIBRATED.

POLE LENGTH (M)	BASE BURIAL DEPTH (M)	REIN. ROD LENGTH (M)
3.0	1.00	H=1.30
5.6	2.15	H=2.00
7.0	2.15	H=2.00
7.5	2.15	H=2.00
8.7	2.45	H=2.30
10.0	2.45	H=2.30
10.5	2.60	H=2.45
12.0	2.75	H=2.60
13.6	2.90	H=2.75
15.1	3.05	H=2.90

NOTES:

1. BASE DIAMETER MUST BE A MINIMUM OF 1 TIMES THE SIZE OF THE MANUFACTURERS RECOMMENDED BOLT DIAMETER. BOLT COVER MUST NOT OVERLAP BASE. CONTRACTOR IS TO CONFIRM BASE DIAMETER ON PICTURE. SHOP DRAWINGS.
2. REFER TO CHART INDICATING BASE BURIAL DEPTH.

[illegible]