SITE PLAN

SCALE: 1"=20'

GENERAL NOTES - SITE ELECT

1. THE COMPLETE INSTALLATION SHALL CONFORM WITH ALL A STATE AND LOCAL LAWS, CODES AND ORDINANCES, INCLUDED APPROVED EDITIONS OF THE FOLLOWING: NATIONAL ELECTRIC (ANSI C2): NATIONAL ELECTRICAL CODE (NFPA 70): OCCUPATIO HEALTH ACT (OSHA) AND ALL AMENDMENTS THERETO. NOTHIN DRAWINGS AND SPECIFICATIONS SHALL BE CONSTRUED TO CO LAWS, CODES, AND ORDINANCES, AND THEY ARE THEREBY INC SPECIFICATIONS. OBTAIN PERMITS AND REQUEST INSPECTIONS AUTHORITIES HAVING JURISDICTION. COMPLY WITH ALL POWER TELEVISION PROVIDER REGULATIONS AND STANDARDS.

2. THE FOLLOWING ELECTRICAL WORK SHALL BE PERFORMED CONTRACT: UNDERGROUND CONDUIT, FITTINGS, AND ALL DEVICE HAND HOLES, NEW LIGHTING FIXTURES, POLES WITH ALL ACCE ANCHOR BOLTS AND POLE BASES: PROVISION OF UNDERGROU WIRE TO SERVE NEW LIGHTING EQUIPMENT AND RECEPTACLES: PROVISION OF SERVICE EQUIPMENT, INCLUDING OUTDOOR CABINETS, INGROUND SPLICE BOXES, GROUNDING, METER ENCLOSURES, AND WEATHERPROOF RECEPTACLES.

3. ELECTRICAL UTILITY SHALL PROVIDE ALL ASSOCIATED OVERHEAD AND UNDERGROUND PRIMARY WIRING, PRIMARY TERMINATIONS, TRANSFORMERS, AND CONNECTIONS TO EXISTING OVERHEAD LINES. CONTRACTOR SHALL PROVIDE UNDERGROUND CONDUIT.

4. PROVIDE UNDERGROUND ELECTRICAL WARNING TAPE: 6" WIDE PLASTIC TAPE, COLORED RED WITH SUITABLE LEGEND DESCRIBING BURIED ELECTRICAL LINES FOR ALL UNDERGROUND CONDUITS. LOCATE 6 INCHES BELOW FINISHED GRADE.

5. REFER TO CIVIL DRAWINGS FOR EXCAVATION AND BACKFILL OF ALL UNDERGROUND WORK.

6. EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. CONTRACTORS SHALL CONTACT DIG SAFE BEFORE BEGINNING ANY EXCAVATIONS.

7. FINAL LOCATION OF NEW UTILITIES MAY VARY FROM PLANS PENDING UTILITY COMPANY FIELD COORDINATION.

8. THE LOCAL TELEPHONE AND CABLE TELEVISION SERVICE PROVIDERS SHALL PROVIDE AND INSTALL ALL THE SITE UTILITY SERVICE CABLE TO NEW BACKBOARD IN THE CONDUITS PROVIDED BY THE CONTRACTOR AS PART OF THE SITE WORK.

9. UNDERGROUND CONDUIT SHALL BE SCHED 40 PVC. ABOVE GRADE CONDUIT SHALL BE RGS. ALL CONDUIT SWEEPS SHALL BE RGS LONG SWEEPS.

10. PROVIDE EXPANSION FITTINGS FOR ALL UNDERGROUND CONDUIT CONNECTED TO FIXED ABOVE GROUND STRUCTURES.

11. GENERATOR PAD GROUNDING: PROVIDE (2) 3/4" x 8' LONG GROUND RODS AT OPPOSITE CORNERS OF GENERATOR PAD. PROVIDE 3/0 COPPER GROUND LOOP 30" BELOW GRADE AROUND PAD. RUN GROUND CABLE TO MAIN SWITCH GEAR. VERIFY GROUNDING REQUIREMENTS WITH GENERATOR MANUFACTURER PRIOR TO INSTALLING THE GENERATOR.

12. PROVIDE A LISTED INTERSYSTEM BONDING TERMINAL AT THE SERVICE ENTRANCE. INSTALL IN ACCORDANCE WITH NFPA 70,250.94

13. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.

SITE LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER AND MODEL NUMBER	LAMP INFO	REMARKS
BAY	HOLOPHANE ELS 110 4K AS X	110W, LED, 4000K	BAYSIDE DISTRICT STANDARD FIXTURE, POLE LIGHT, MH:20, PROVIDE WITH PHOTOCELL
D1	DUAL-LITE PGN	LED	BUILDING MOUINTED, MH:10, PROVIDE WITH PHOTOCELL, WIRE TO EMERGENCY CIRCUIT
S3	BEACON VP-S-22NB-50/4K/T3/UNV	LED	POLE LIGHT, MH:16.5, SUPPLY WITH PHOTOCELL
S4BL	BEACON VP-S-22NB-50/4K/UNV/BLC/4K	LED	POLE LIGHT, MH:16.5, SUPPLY WITH PHOTOCELL
WS4	HUBBELL LNC2-12LU-4K-4	28.3W, LED	WALL SCONCE, MH:15, PROVIDE WITH PHOTOCELL

NOTES:
1. NON LED FIXTURES SHALL BE ENERGY STAR RATED OR HAVE HIGH PERFORMANCE BALLASTS AND LAMPS TO MEET STATE EFFICIENCY CRITERIA.
2. CONTRACTOR SHALL APPLY FOR ALL STATE EFFICIENCY INSENTIVES ON OWNERS BEHALF.
3. CONTRACTOR SHALL VERIFY FIXTURE AND POLE COLOR WITH ARCHITECT PRIOR TO ROUGH-IN.

CITY OF PORTLAND, MAINE — RESURGAM

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 10/20/16

ADDITION TO BAYSIDE BOWL
ALDER STREET
PORTLAND, MAINE

CONSULTANTS:

ELECTRICAL:
BENNETT ENGINEERING
7 BENNETT ROAD
FREEPORT, ME 04032
207-865-9475

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REVISIONS:
03/24/2016 PERMIT SET
07/25/2016 BATHROOM CHANGES
09/01/2016 ELECTRICAL SERVICE CHANGES

DATE:	18 MAR 2016
PROJECT No.	...
DRAWN BY:	CAT
CHECKED BY:	SAJ
SCALE:	1/8" = 1'-0" U.N.O.

SHEET TITLE:
ELECTRICAL SITE PLAN

E1.0