



HYDRO OTTAWA STANDARDS REFERENCES		
ITEM	SPEC ID	DRAWING TITLE
SWITCH GEAR MANHOLE AND PAD	UCS0025	MAHOLE PRECAST 2 WAY SWITCHING 612 - CONSTRUCTION DETAIL
EQUIPMENT PROTECTION BOLLARDS	UFS0001	BOLLARDS PROTECTIVE - CONSTRUCTION DETAIL

Drawing Notes	
Key #	Comments

- 1 EXISTING PAD MOUNTED SWITCHGEAR SUPPLIED AND INSTALLED BY HYDRO OTTAWA. CONCRETE FOUNDATION, PAD, MANHOLE AND BOLLARDS TO BE PROVIDED BY HYDRO CONTRACTOR AS PER HYDRO OTTAWA STANDARDS.
- 2 NEW PAD MOUNTED TRANSFORMER SUPPLIED AND INSTALLED BY HYDRO OTTAWA. CONCRETE FOUNDATION, PAD, AND BOLLARDS TO BE PROVIDED BY HYDRO CONTRACTOR AS PER HYDRO OTTAWA STANDARDS.
- 3 NEW EMERGENCY GENERATOR (347/600V, 3Ø, 4W, 250KW/313KVA) C/W BASE FUEL TANK AND SOUND ENCLOSURE. THE GENERATOR TO ALSO BE PROVIDED WITH A BATTERY CHARGER, BLOCK HEATER AND MAIN BREAKER.
- 4 NEW MAIN UNDERGROUND ELECTRICAL FEED TO THE BUILDING, 347/600V, 3Ø, 4W, 1600A. MAIN FEEDERS SHALL BE 4 PARALLEL RUNS OF 4-500MCM-103Ø CONDUIT.
- 5 NEW EMERGENCY FEED FROM THE GENERATOR TO THE MAIN EMERGENCY SPLITTER TROUGH, 347/600V, 3Ø, 4W, 250A. FEEDERS SHALL RUN UNDERGROUND.
- 6 ELECTRICAL FEEDS FROM PANEL P-01 IN MAIN ELECTRICAL ROOM FOR THE GENERATOR BATTERY CHARGER (120V, 15A) AND BLOCK HEATER (120V, 15A).
- 7 FIBRE OPTIC AND CABLE COMMUNICATION PEDESTALS. COORDINATE EXACT LOCATION ON SITE.
- 8 PROVIDE ELECTRICAL FEED FOR EXTERIOR SIGN LIGHTING THROUGH THE CONCRETE FOUNDATION OF THE SIGN ALONG WITH SIGN LIGHT FIXTURES AS PER CLIENT REQUIREMENTS (120, 15A, 3-#10AWG-25Ø).
- 9 PROVIDE POWER (600V) FOR ROOF MOUNTED ERV UNIT C/W WEATHERPROOF DISCONNECT SWITCH.
- 10 PROVIDE POWER (600V) FOR ROOF MOUNTED DRY-COOLER C/W WEATHERPROOF DISCONNECT SWITCH.
- 11 PROVIDE POWER (208V, 3Ø) FOR THE ROOF MOUNTED ELEVATOR SHAFT PRESSURIZATION FAN C/W WEATHERPROOF DISCONNECT SWITCH.
- 12 PROVIDE ROOFTOP 20A RECEPTACLE FOR EQUIPMENT MAINTENANCE PURPOSES C/W WEATHERPROOF COVER.
- 13 PROVIDE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT FOR EXTERIOR USE C/W WEATHERPROOF COVER.
- 14 2-103Ø RIGID PVC CONDUITS (1 FIBRE OPTIC AND 1 CABLE) FOR COMMUNICATIONS TO BE PROVIDED WITH PULL CORDS AND TERMINATE IN THE MAIN ELECTRICAL ROOM ON LEVEL P1. COORDINATE EXACT TERMINATIONS WITH LOCAL UTILITIES.
- 15 PROVIDE 20A, 208V, 1Ø TWIST LOCK RECEPTACLE FOR SWING STAGE EQUIPMENT C/W WEATHERPROOF COVER.
- 16 PROVIDE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT MOUNTED ON THE PROPOSED LIGHT POLE FOR EXTERIOR USE C/W WEATHERPROOF COVER.
- 17 ELECTRICAL BBQ OUTLET: NEMA 6-50R RECEPTACLE INSTALLED IN A RECESSED WALL BOX WITH A "WHILE-IN-USE" COVER.

1 Site Plan
1 : 200

Client

DATE	REVISION	REF
24 MAR 17	ISSUED FOR SITE PLAN APPLICATION	1

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Project/Projet
1088 MARITIME WAY
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Drawing title/Titre du dessin
ELECTRICAL
SITE PLAN

Scale Échelle	AS NOTED PROJNO	Project no./No. du projet	
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Reviewed by Examiné par	GWAL		
Date	MARCH 2017	Revision no.	1
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