

5 EXISTING PEDESTAL SHORE POWER TO REMAIN OPERATIONAL N.T.S.

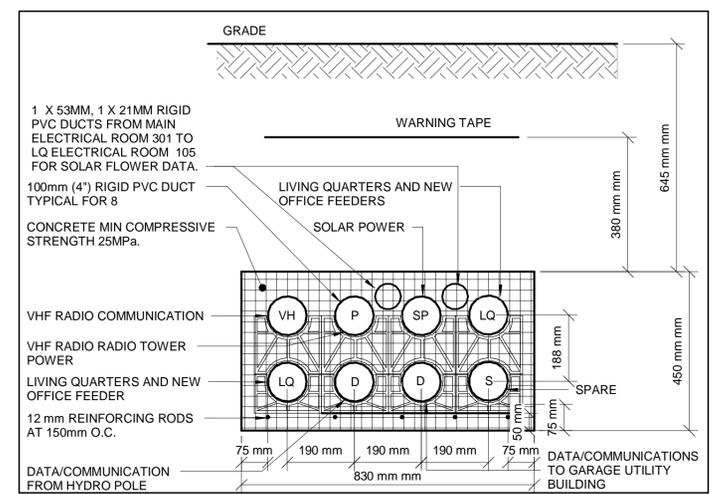
1 SITE PLAN E100 1:400

Keynotes E100 (SHOWN AS ◊)

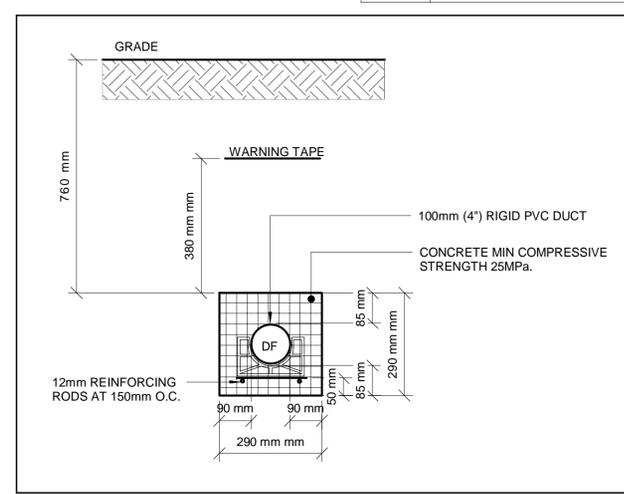
Number	Description
1	PROVIDE WEATHER HEAD ASSEMBLY APPROXIMATELY 600MM ABOVE THE LOWER PITCHED AREA OF THE ROOF AT GRID LINE "A". EXACT LOCATION AND MOUNTING ARRANGEMENTS MUST BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGHING IN.
2	EXISTING SITE SERVICE SHALL REMAIN INTACT AND OPERATIONAL WHICH COULD BE USED FOR TEMPORARY CONSTRUCTION AND STAFF TRAILER SERVICE. PROVIDE A TEMPORARY 200A-2P, 30 CIRCUIT SERVICE PANEL, TPA MOUNTED ON EXISTING SERVICE POLE IN A WEATHER PROOF ENCLOSURE. PROVIDE A 40A-2P BREAKER IN TPA TO FEED STAFF TRAILER. THIS TEMPORARY SERVICE SHALL REMAIN OPERATIONAL FOR THE ENTIRE DURATION OF THE NEW CONSTRUCTION UNTIL PERMANENT POWER IS READY FOR SWITCHOVER.
3	EXISTING BELL INCOMING LINE TO REMAIN. ALLOW FOR SPLICING AT THE NEW HYDRO POLE TO ALLOW FOR TERMINATION IN THE SSC ROOM.
4	ALLOW FOR THE FOLLOWING NEUTRAL SUPPORTED TRIPLEX SUSPENDED OVERHEAD CABLES COMPLETE WITH ALL REQUIRED SUSPENSION ACCESSORIES SIZED AS REQUIRED. REFER TO SINGLE LINE DIAGRAM FOR EACH FEEDER SIZE.
5	51MM PVC DUCT FOR FUTURE TELECOM/SECURITY EQUIPMENT
6	EXISTING HIGH VOLTAGE PRIMARY FEEDERS BELOW GRADE SHALL REMAIN. ALLOW FOR RE TERMINATIONS REVIEW AT THE NEW HYDRO POLE.
7	DOCK CUTTER AND MISC. POWER IN 100MM PVC DUCT/BANK
8	COMMON TRENCH FOR ALL FEEDERS IN DUCTBANK.
9	NEW SHORE POWER DISTRIBUTION REFER TO DETAIL 4/E901. RECONNECT EXISTING 100A-2P POWER RECEPTACLE AND POWER DISTRIBUTION IN READY ROOM HUT REFER TO PHOTOS ON DRAWING 6/E901. EXACT LOCATION TO BE DETERMINED ON SITE PRIOR TO ROUGHING IN.
10	LIQUID TIGHT FLEXIBLE CABLES TO DOCK PLUG-IN POINT COMPLETE WITH TRIP GUARD PROTECTION ALONG DOCK EDGE. EXACT LAYOUT ROUTE SHALL BE DETERMINED ON SITE PRIOR TO ROUGHING-IN.
11	NEW DOCK PLUG-IN DETAIL ON DRAWING 5/E-901.
12	NEW PADMOUNT TRANSFORMER REFER TO DETAILS ON DWG-E101 AND SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION. THE TRANSFORMER IS SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL LIASE COORDINATION WITH THE LOCAL UTILITY COMPANY DURING INSTALLATION.
14	CONCRETE INCASED DUCTS FOR FEEDERS ALL BELOW GRADE. REFER TO DETAILS ON THIS DRAWING. PROVIDE WARNING SIGN "DANGER HIGH VOLTAGE"
15	EXISTING HYDRO POLE SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. RE-CONFIGURE EXISTING HV PRIMARY FEEDER AND PREPARE FOR RELOCATE TO NEW POLE

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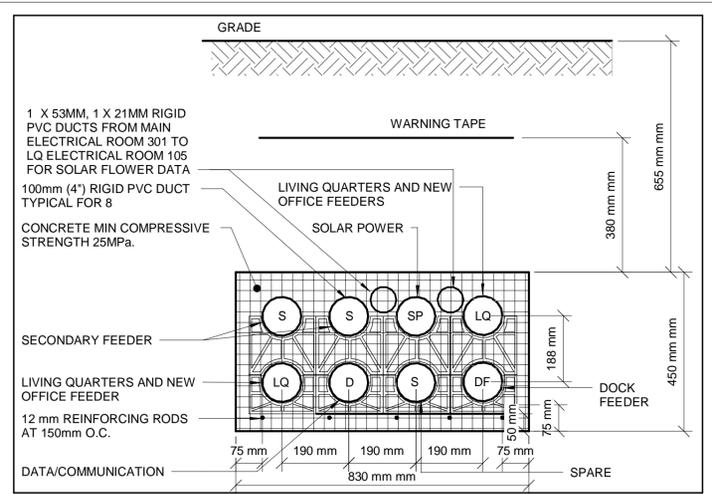
Number	Description
16	PROVIDE TWO 41mm RIGID PVC DUCT BELOW GRADE TO SSC ROOM FROM RADIO TOWER FOR RADIO COMMUNICATIONS AND POWER.
17	DISCONNECT AND REMOVE EXISTING HYDRO POLE COMPLETE WITH EXISTING OVER HEAD FEEDERS AND MAKE SAFE. PROVIDE NEW DUCT TO LQ SSC ROOM FOR NEW DATA COMMUNICATION.
18	NEW PUMP P-06. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
19	COORDINATE EXACT TERMINATION POINTS OF DUCTS INSIDE THE ELECTRICAL ROOM PRIOR TO CONCRETE FLOOR SLAB POUR.
20	REFER TO DRAWINGS E200 AND E202 FOR DUCTS TERMINATION LOCATIONS AND APPROXIMATE ROUTES BELOW SLAB. ALL DUCTS LAYOUT SHALL BE COORDINATED WITH OTHER SERVICES BELOW SLAB PRIOR TO ROUGHING-IN.
21	PROVIDE A 2057MM X 2057MM (RECTANGLE) X 300MM HIGH ABOVE GRADE AND FOOTING BELOW FROST COMPLETE WITH RE-INFORCING STEEL RODS AND CONCRETE TO FORM A COMPLETE MOUNTING BASE FOR THE SOLAR FLOWER SYSTEM. EXACT MOUNTING ARRANGEMENTS AND REQUIREMENTS. EXACT LOCATION TO BE CONFIRMED BY DEPARTMENTAL REPRESENTATIVE. SHALL BE VERIFIED WITH MANUFACTURER/SUPPLIER PRIOR TO ROUGHING-IN. REFER TO DETAIL 6/E-101 FOR ADDITIONAL DIMENSIONS.
22	PROVIDE 38KW PROPANE GAS POWERED GENERATOR COMPLETE WITH A 2250MM LONG X 1488MM WIDE X 300MM HIGH ABOVE GRADE CONCRETE PAD COMPLETE WITH RE-INFORCING STEEL RODS AS REQUIRED FOR THE GENERATOR MOUNTING BASE. THE OVERALL GENERATOR DIMENSIONS ARE : 1950MM LONG X 888MM WIDE; WEIGHT 560KG. EXACT MOUNTING ARRANGEMENTS AND REQUIREMENTS SHALL BE VERIFIED WITH MANUFACTURER/SUPPLIER PRIOR TO ROUGHING-IN.
23	PROVIDE A 1200MM X 3600MM X (RECTANGLE) X 300MM HIGH ABOVE GRADE CONCRETE PAD COMPLETE WITH REINFORCEMENT FOR PROPANE GAS TANK. NOTE THE RENTAL PROPANE TANK IS SUPPLIED BY DEPARTMENT REPRESENTATIVE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DELIVERY OF TANK AND ASSOCIATED PARTS. INSTALLATION OF THE TANK, SUPPLY LINE, AND CONNECTIONS TO THE GENERATOR, AND ALL COORDINATION WITH DEPARTMENTAL REPRESENTATIVE. REFER TO MECHANICAL DRAWING FOR REQUIREMENTS AND MINIMUM CLEARANCE OF THE TANK LOCATION.
24	EXISTING 100A-2P PEDESTAL MOUNT DOCK/SHORE POWER TO REMAIN AS INSTALLED. EXISTING SHORE POWER SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. ONCE PERMANENT POWER DISTRIBUTION IS CONNECTED AND OPERATIONAL EXTEND EXISTING FEEDERS TO LOCAL DISTRIBUTION AT READY ROOM AS INDICATED. REFER TO DETAIL 4/E901 FOR ADDITIONAL INFORMATION.
25	POWER DISTRIBUTION INSIDE READY ROOM HUT SHALL REMAIN AS INSTALLED. ALL POWER SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. ONCE PERMANENT POWER DISTRIBUTION IS CONNECTED AND OPERATIONAL EXTEND PANEL FEEDER TO NEW LOCAL SHORE POWER DISTRIBUTION. REFER TO PICTURES ON DRAWING 6/E901 FOR ADDITIONAL INFORMATION.



2 LQ/OFFICE SERVICES E100 N.T.S.



3 DOCK SHORE POWER FEEDERS E100 N.T.S.



4 DUCTBANK IN COMMON TRENCH E100 N.T.S.

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No.	Revision Description	Date
2	ISSUED FOR ADDENDUM E-01	2021-10-12
1	ISSUED FOR TENDER	2021-07-26

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

project title  
titre du projet  
**PORT WELLER SEARCH AND RESCUE STATION**

ONTARIO DEPARTMENT OF FISHERIES AND OCEANS  
SEARCH & RESCUE STATION ST. CATHARINES PARTIAL DEMOLITION, ADDITION AND RESTORATION  
**ST. CATHARINES ONTARIO**

drawing title  
titre du dessin  
**SITE PLAN**

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R.C.

designed by  
conçu par  
A.O.

approved by  
approuvé par  
D.S.

bid offre  
KG

project manager  
administrateur de projets

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