

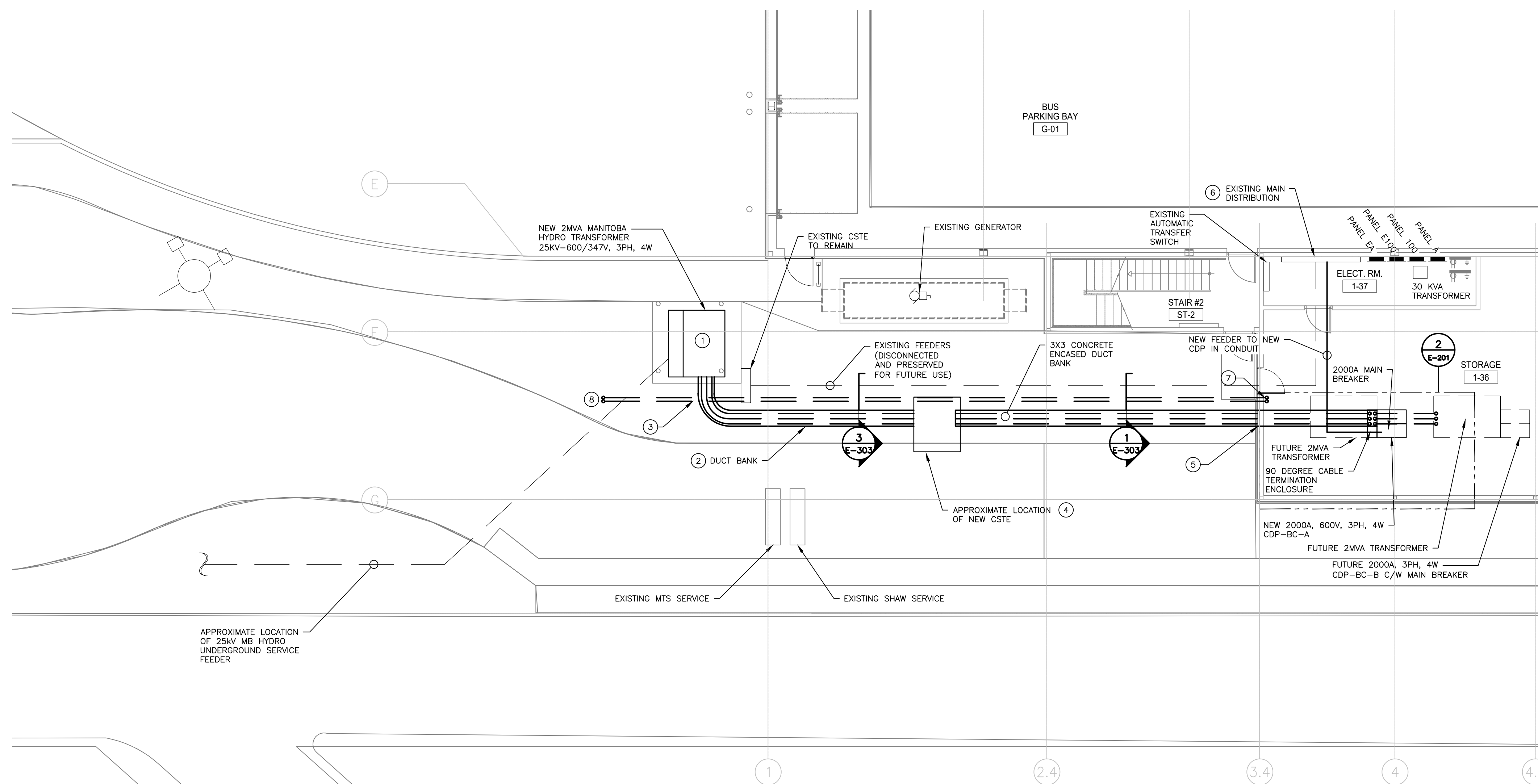


GENERAL NOTES:

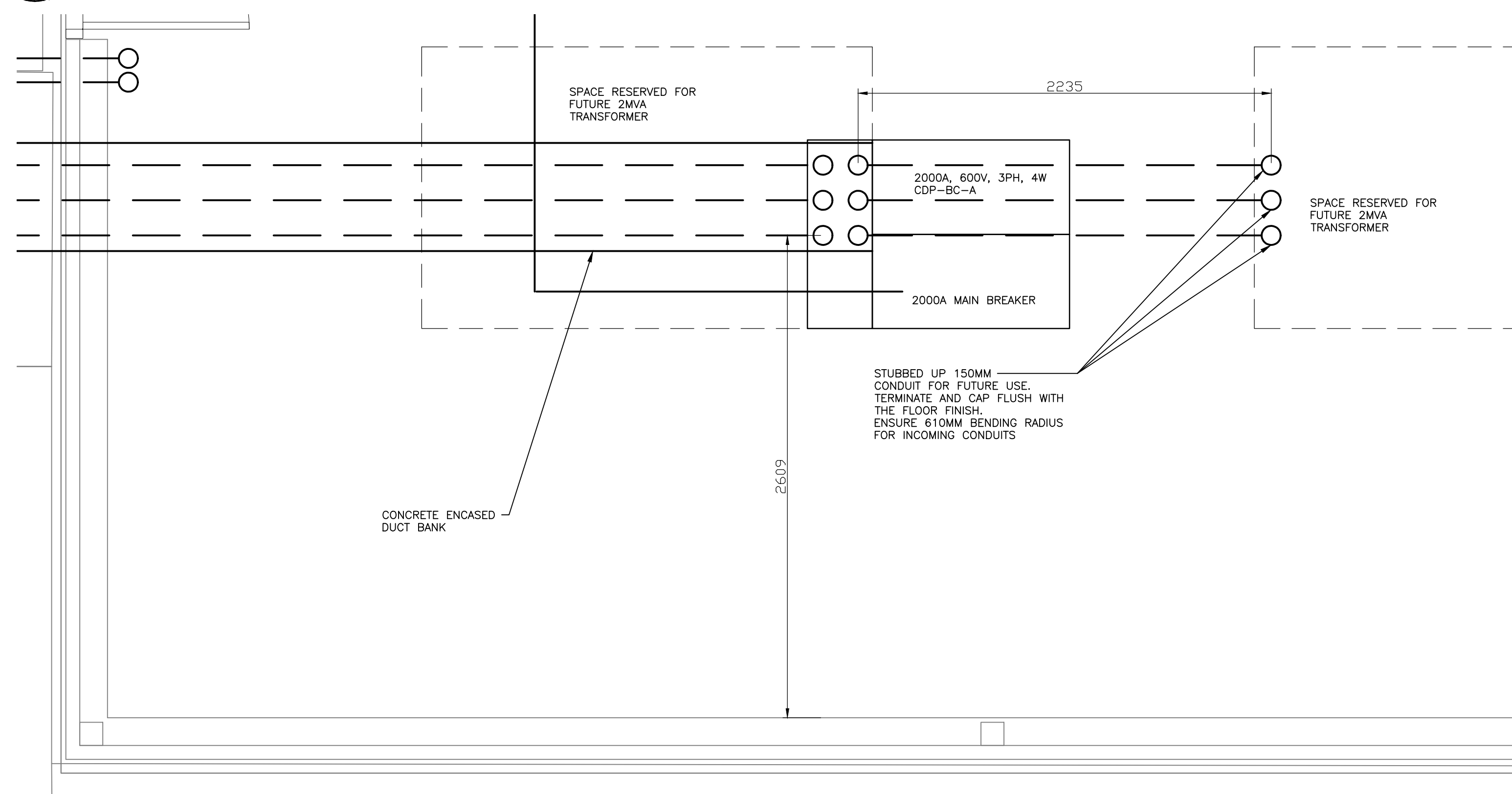
- CONTRACTOR TO SCAN AND DETERMINE ROUTING AND DEPTH OF EXISTING MTS AND SHAW FEEDERS PRIOR TO COMMENCING WORK ON ANY UNDERGROUND SERVICES. WHERE EXISTING SERVICES ARE ANTICIPATED TO BE WITHIN 1M OF NEW SERVICES, EXPOSE EXISTING SERVICES USING SOFT DIG / HYDRO VAC EXCAVATION METHODS TO CONFIRM THE EXACT LOCATION OF THE SERVICES PRIOR TO COMMENCING TRENCHING.
- PROVIDE CONDUITS BETWEEN THE TRANSFORMER PAD AND THE LOCATION OF THE NEW CSTE CABINET IN COORDINATION WITH MANITOBA HYDRO. SUPPLY AND INSTALL NEW 2000A CSTE C/W MANITOBA HYDRO METERING. COORDINATE UPGRADE OF THE EXISTING 750KVA TRANSFORMER TO 2MVA TRANSFORMER WITH MANITOBA HYDRO. ALL WORK ASSOCIATED WITH THE TRANSFORMER REPLACEMENT AND CONDUCTORS FROM THE TRANSFORMER SECONDARY TO THE CSTE ARE BY MANITOBA HYDRO.
- CONTRACTOR TO ENSURE ALL CABLE LOCATES ARE DONE PRIOR TO ANY UNDERGROUND WORK BEING UNDERGONE. THE CONTRACTOR IS TO ALLOW FOR ALL HYDRO EXCAVATION AND DAY LIGHTING ACTIVITIES REQUIRED FOR PLANNING AND UNDERGROUND EXCAVATION WORK.

KEY NOTES:

- EXISTING MB HYDRO 750KVA TRANSFORMER TO BE REPLACED WITH NEW 2MVA TRANSFORMER (BY MANITOBA HYDRO). COORDINATE TRANSFORMER REPLACEMENT WITH MANITOBA HYDRO.
- PROVIDE DUCT BANK FOR NEW 2000A SERVICE BETWEEN NEW MANITOBA HYDRO TRANSFORMER AND NEW CSTE. COORDINATE CONDUIT SIZE AND CONFIGURATION WITH MANITOBA HYDRO.
- ROUTE CONDUITS FOR FUTURE USE 200mm BELOW THE INCOMING SERVICE DUCT BANK. PROVIDE CONCRETE ENCASEMENT FOR THE FUTURE CONDUITS WITHIN 1000mm OF THE INCOMING SERVICE DUCT BANK IN ACCORDANCE WITH E-303 DETAIL 1.
- PROVIDE NEW 2000A, 600V CSTE C/W METERING. CSTE SHALL BE RATED FOR 90 DEGREE TERMINATION. INSTALL CSTE ON FIBERGLASS BASE PEDESTAL TO FACILITATE FUTURE CONDUIT RECONFIGURATION. FIBERGLASS SHALL BE DESIGNED TO SUPPORT 1000KG (MINIMUM), AND BE SUITABLE FOR FUTURE INSTALLATION OF ENCLOSURE SIZED AT 2000mm X 1700mm.
- STEEL STUD SUPPLIER TO DESIGN AND PROVIDE SHOP DRAWINGS SEALED BY AN ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA TO FRAME THE OPENINGS THROUGH THE EXISTING WALL AND TO SUPPORT THE DUCT HOOD. REFER TO MECHANICAL FOR REQUIREMENTS INCLUDING OPENING SIZE AND EXACT LOCATION.
- RECONFIGURE EXISTING MAIN DISTRIBUTION PANEL TO ACCEPT TOP ENTRY FEEDER. PROVIDE CSA RE-CERTIFICATION ON SITE IF AND AS NEEDED.
- 4 - 103MM CONDUIT DUCT BANK IN 2X2 CONFIGURATION STUBBED UP FOR FUTURE PV INSTALLATION.
- CONTRACTOR TO RUN BURIED CONDUITS, CAP AND STUB OUT OUTSIDE FOR FUTURE CONNECTION AS SHOWN. CONTRACTOR TO ENSURE 1500MM SPACING BETWEEN THE TERMINATION POINT OF THE CONDUITS AND ANY ADJACENT SERVICES.



1 ELECTRICAL SERVICE EQUIPMENT - NEW CONSTRUCTION
 E-201 1:100



2 ENLARGED CONDUIT STUB UP DETAIL
 E-201 1:10

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