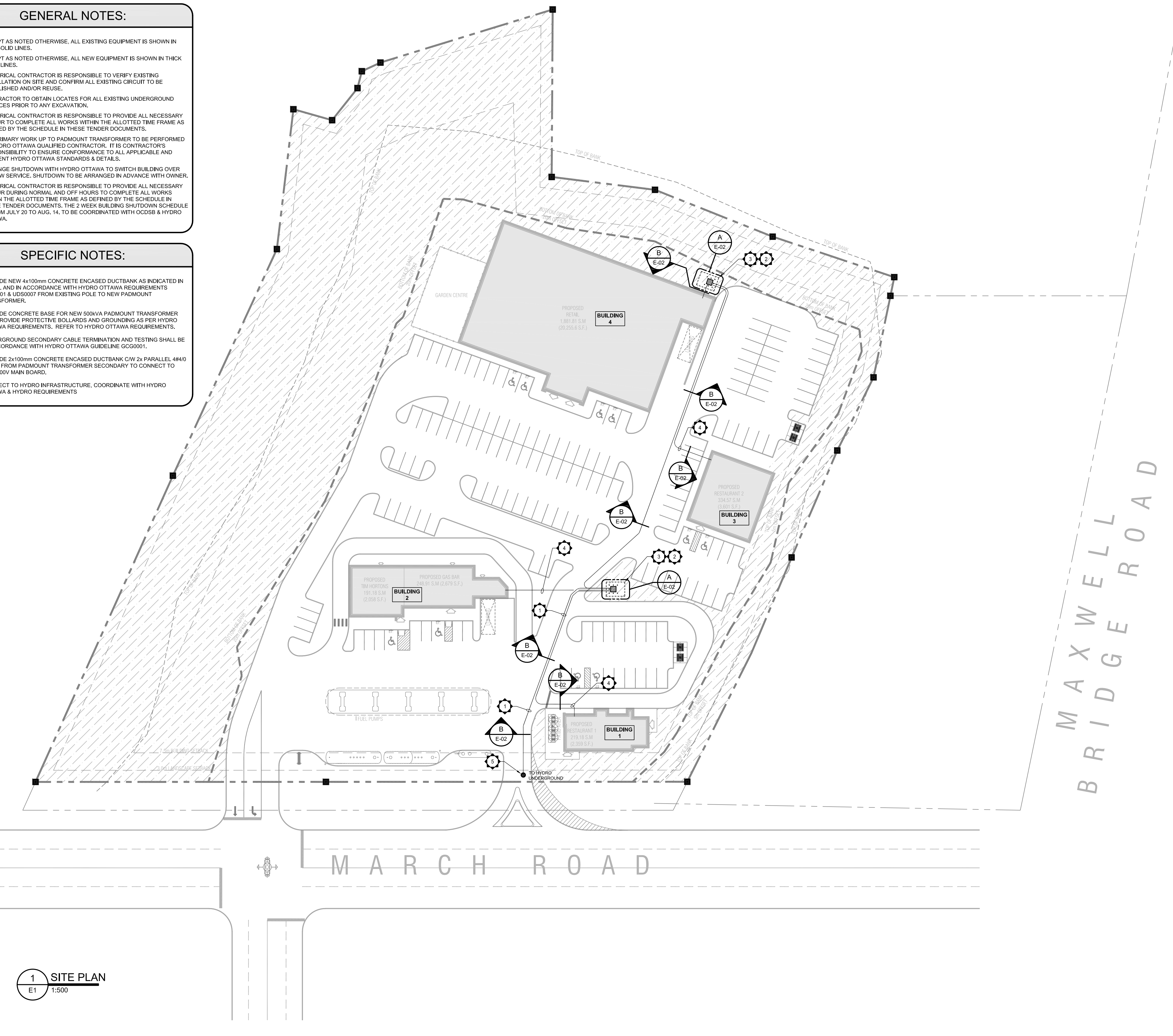


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<b>910 MARCH ROAD OTTAWA, ONTARIO</b>																					
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TITLE: <b>SITE PLAN</b>																					
SHEET NUMBER: <b>E1</b>																					
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- GENERAL NOTES:**
- EXCEPT AS NOTED OTHERWISE, ALL EXISTING EQUIPMENT IS SHOWN IN THIN SOLID LINES.
  - EXCEPT AS NOTED OTHERWISE, ALL NEW EQUIPMENT IS SHOWN IN THICK SOLID LINES.
  - ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING INSTALLATION ON SITE AND CONFIRM ALL EXISTING CIRCUIT TO BE DEMOLISHED AND/OR REUSE.
  - CONTRACTOR TO OBTAIN LOCATES FOR ALL EXISTING UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION.
  - ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY LABOUR TO COMPLETE ALL WORKS WITHIN THE ALLOTTED TIME FRAME AS DEFINED BY THE SCHEDULE IN THESE TENDER DOCUMENTS.
  - ALL PRIMARY WORK UP TO PADMOUNT TRANSFORMER TO BE PERFORMED BY HYDRO OTTAWA QUALIFIED CONTRACTOR. IT IS CONTRACTOR'S RESPONSIBILITY TO ENSURE CONFORMANCE TO ALL APPLICABLE AND CURRENT HYDRO OTTAWA STANDARDS & DETAILS.
  - ARRANGE SHUTDOWN WITH HYDRO OTTAWA TO SWITCH BUILDING OVER TO NEW SERVICE. SHUTDOWN TO BE ARRANGED IN ADVANCE WITH OWNER.
  - ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY LABOUR DURING NORMAL AND OFF HOURS TO COMPLETE ALL WORKS WITHIN THE ALLOTTED TIME FRAME AS DEFINED BY THE SCHEDULE IN THESE TENDER DOCUMENTS. THE 2 WEEK BUILDING SHUTDOWN SCHEDULE IS FROM JULY 20 TO AUG. 14, TO BE COORDINATED WITH OGDSS & HYDRO OTTAWA.

- SPECIFIC NOTES:**
- PROVIDE NEW 4x100mm CONCRETE ENCASED DUCTBANK AS INDICATED IN DETAIL AND IN ACCORDANCE WITH HYDRO OTTAWA REQUIREMENTS UDS0001 & UDS0007 FROM EXISTING POLE TO NEW PADMOUNT TRANSFORMER.
  - PROVIDE CONCRETE BASE FOR NEW 500KVA PADMOUNT TRANSFORMER AND PROVIDE PROTECTIVE BOLLARDS AND GROUNDING AS PER HYDRO OTTAWA REQUIREMENTS. REFER TO HYDRO OTTAWA REQUIREMENTS.
  - UNDERGROUND SECONDARY CABLE TERMINATION AND TESTING SHALL BE IN ACCORDANCE WITH HYDRO OTTAWA GUIDELINE GCG0001.
  - PROVIDE 2x100mm CONCRETE ENCASED DUCTBANK CW 2x PARALLEL 4#410 + GND FROM PADMOUNT TRANSFORMER SECONDARY TO CONNECT TO NEW 600V MAIN BOARD.
  - CONNECT TO HYDRO INFRASTRUCTURE, COORDINATE WITH HYDRO OTTAWA & HYDRO REQUIREMENTS



**1 SITE PLAN**  
 E1 1:500

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300-2611 QUEENSVIEW DRIVE  
OTTAWA ONTARIO CANADA K2B 8K2  
TEL: 1-613-829-2800 | FAX: 1-613-829-8299  
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CLIENT REF. #:

PROJECT:

910 MARCH ROAD  
OTTAWA, ONTARIO

KEY PLAN:

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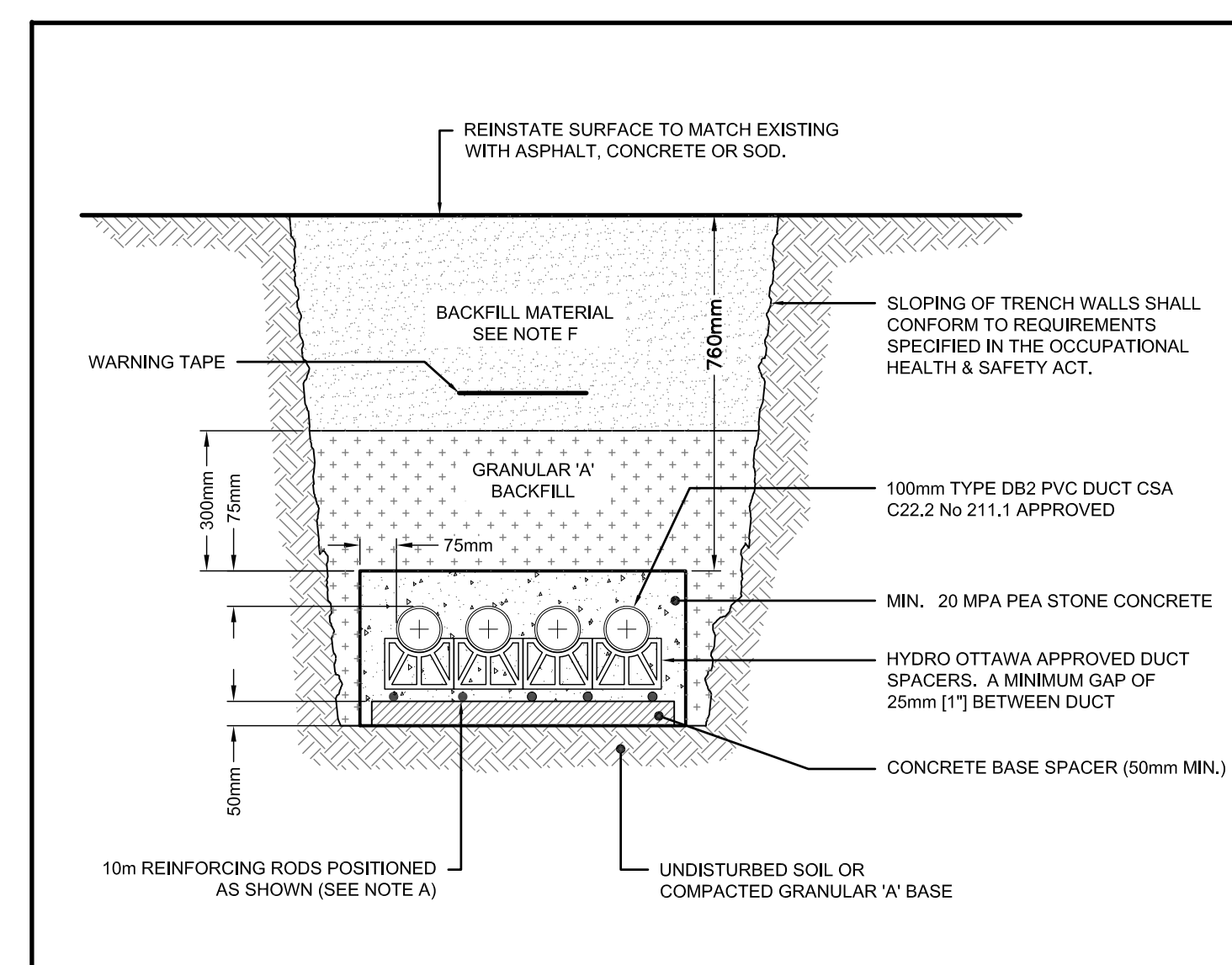
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SHEET #: 2 OF 3

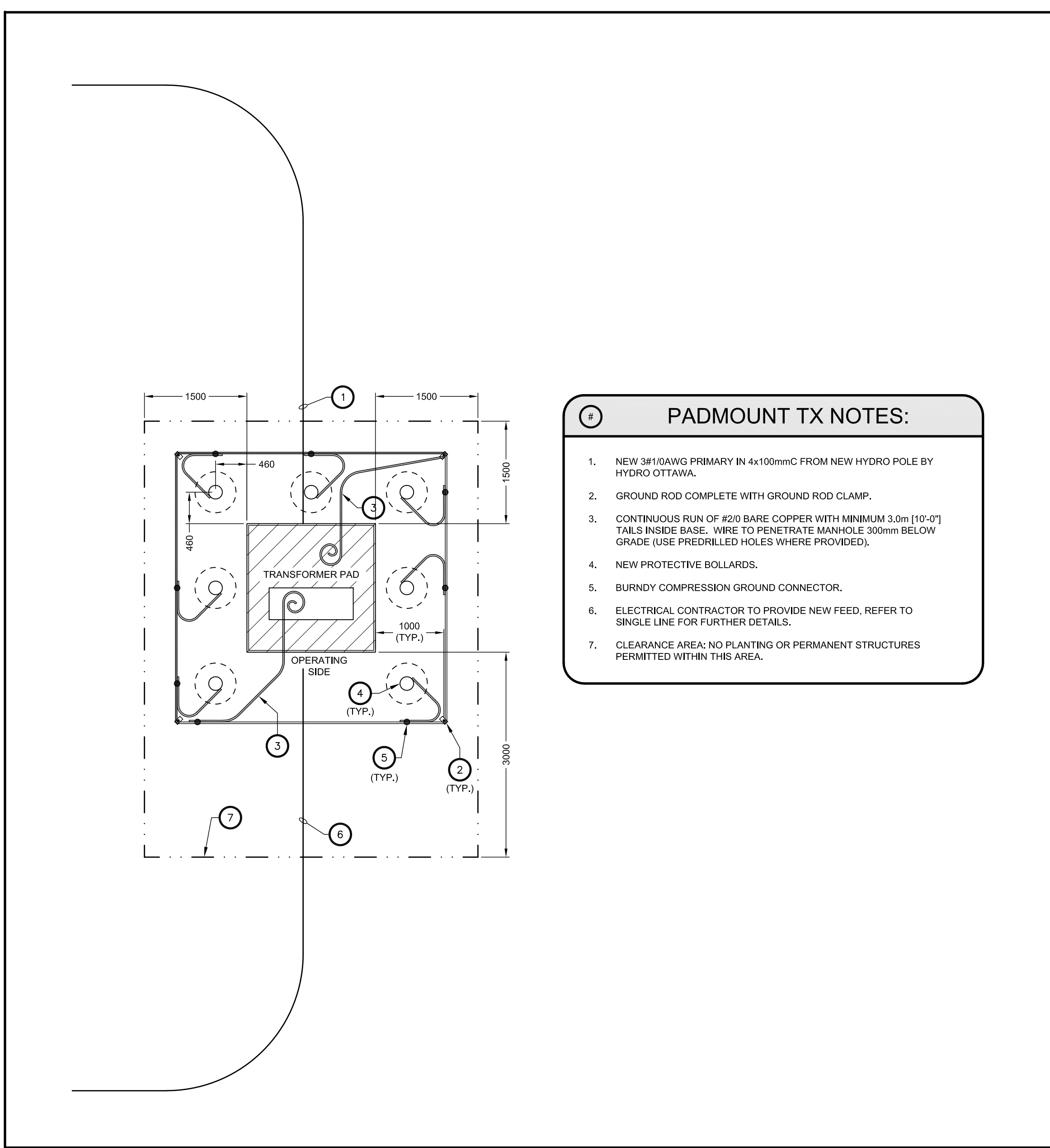
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REV # A



**B** NEW CONCRETE DUCT BANK SECTION  
E2 N.T.S.



**A** NEW HYDRO OTTAWA PADMOUNT TRANSFORMER GROUNDING DETAIL  
E2 N.T.S.

- 6** PADMOUNT TX NOTES:
1. NEW 3#1/0AWG PRIMARY IN 4x100mmC FROM NEW HYDRO POLE BY HYDRO OTTAWA.
  2. GROUND ROD COMPLETE WITH GROUND ROD CLAMP.
  3. CONTINUOUS RUN OF #2/0 BARE COPPER WITH MINIMUM 3.0m [10'-0"] TAILS INSIDE BASE. WIRE TO PENETRATE MANHOLE 300mm BELOW GRADE (USE PREDRILLED HOLES WHERE PROVIDED).
  4. NEW PROTECTIVE BOLLARDS.
  5. BURNDY COMPRESSION GROUND CONNECTOR.
  6. ELECTRICAL CONTRACTOR TO PROVIDE NEW FEED, REFER TO SINGLE LINE FOR FURTHER DETAILS.
  7. CLEARANCE AREA: NO PLANTING OR PERMANENT STRUCTURES PERMITTED WITHIN THIS AREA.

P:\PROJECTS\2020\05\910 MARCH RD - HYDRO OTTAWA\DRAWINGS\WORKING DRAWINGS\ELECTRICAL\DETAILS\E2\_01\_KEY PLAN 1 DETAIL.DWG

