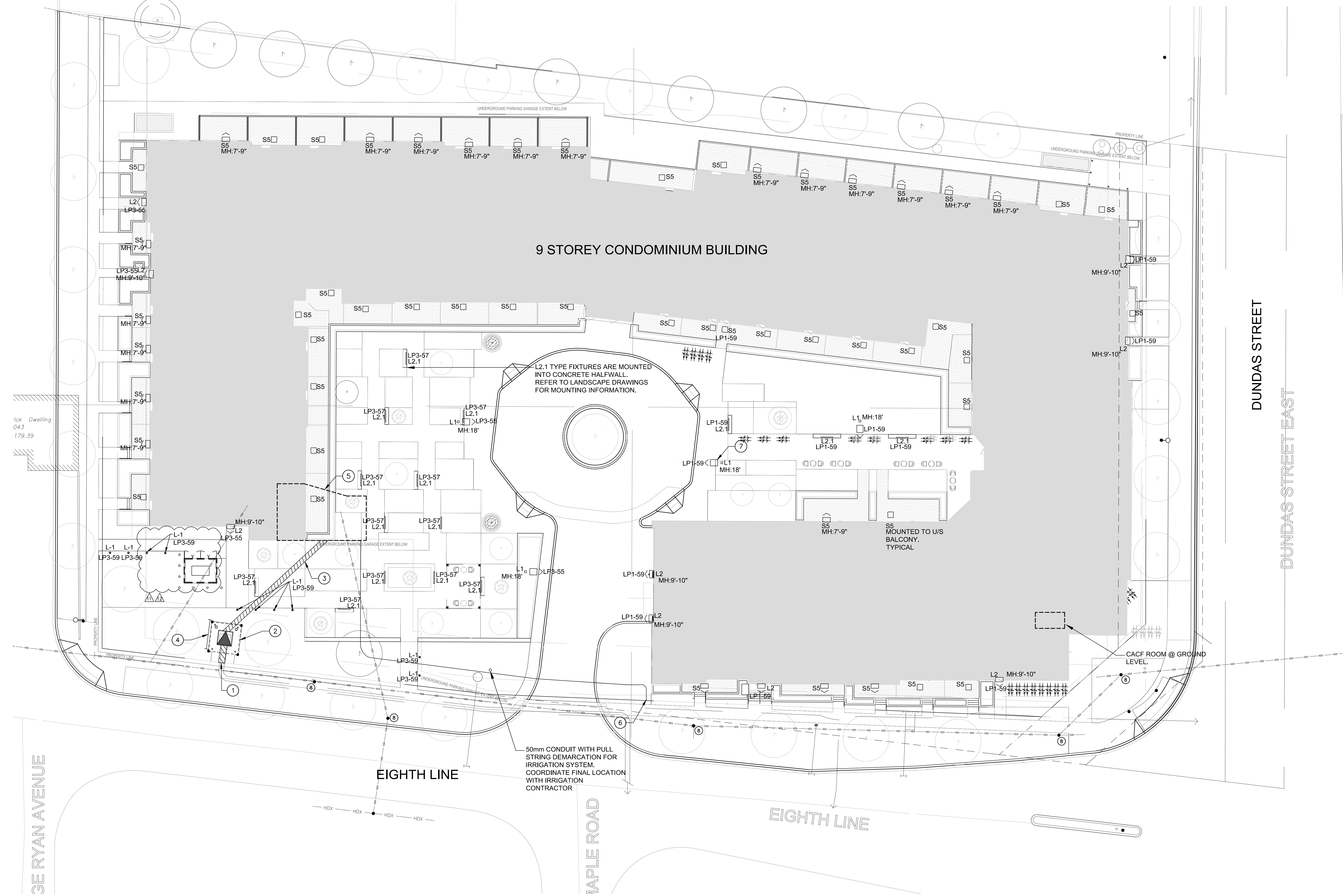
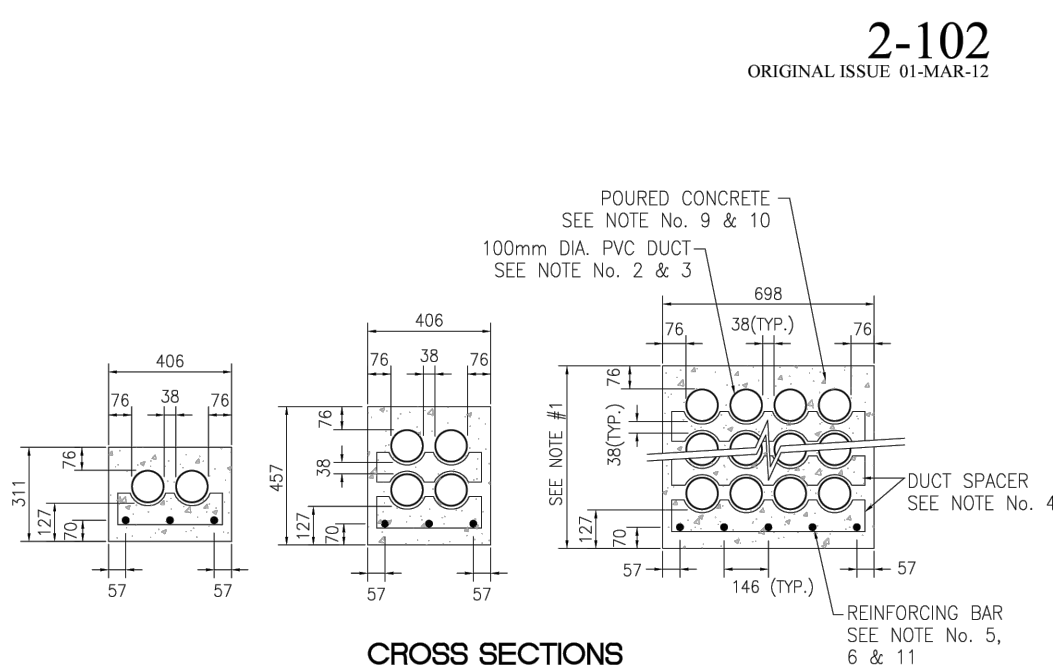


N:\1624\1624-1005 Dundas St E\1624-1005 Dundas St E.dwg 8/13/2013 1:14 PM C:\Users\j... \1624\1624-1005 Dundas St E\1624-1005 Dundas St E.dwg 8/13/2013 1:14 PM C:\Users\j...

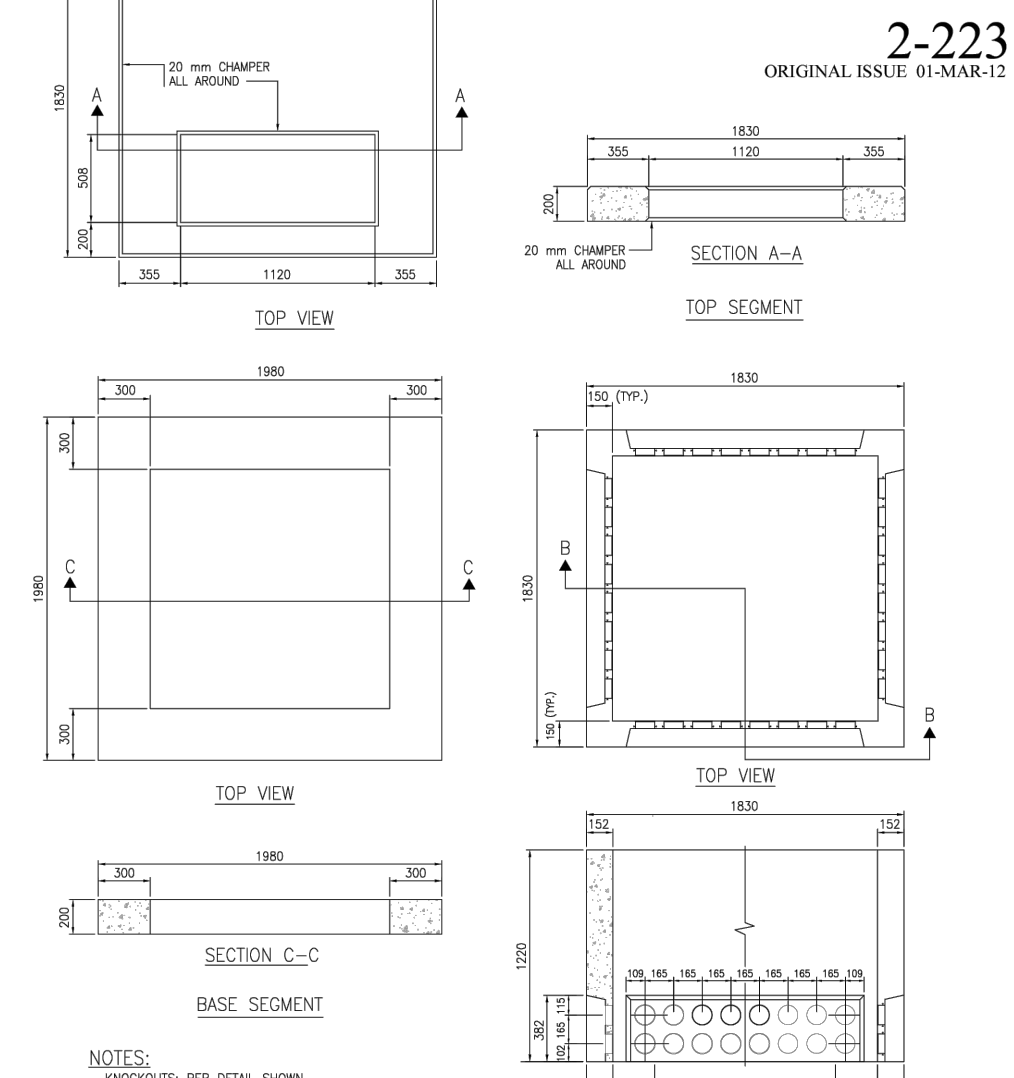


- GENERAL NOTES:**
- REFER TO LANDSCAPE DRAWING FOR MORE INFORMATION ON FIXTURE TYPE.
 - ROUTING OF SECONDARY CONCRETE ENCASED DUCTBANK TO THE MAIN ELECTRICAL ROOM A, REFER TO DRAWING 1624-1005 FOR UNDERGROUND PARKING SECONDARY CONCRETE ENCASED DUCT BANK DETAIL.
- DRAWING NOTES:**
- PROVIDE PRIMARY CONCRETE ENCASED DUCT BANK FROM PROPERTY LINE TO UTILITY TRANSFORMER PER OAKVILLE HYDRO STANDARDS. CAP CONDUIT AT THE PROPERTY LINE AS ALL WORK WITHIN ROAD ALLOWANCE TO BE COMPLETED BY OAKVILLE HYDRO. OAKVILLE HYDRO SHALL SUPPLY AND INSTALL PRIMARY CONDUCTORS AND COMPLETE PRIMARY AND SECONDARY TRANSFORMER TERMINATION AND CONNECTIONS TO THE PRIMARY SYSTEM. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH OAKVILLE HYDRO PRIOR TO ROUGH-IN.
 - OAKVILLE HYDRO 1500VA TRANSFORMER TO BE SUPPLIED AND INSTALLED BY ELECTRA UTILITIES ON THEIR AUTHORIZED CONTRACTOR. ELECTRICAL CONTRACTOR TO SUPPLY TRANSFORMER CONCRETE VAULT AS PER OAKVILLE HYDRO STD. ON GND P/S-2. PROVIDE ADEQUATE CLEARANCES FOR TRANSFORMER INSTALLATION AS PER STD. PROVIDE BOLLARDS AS PER OAKVILLE HYDRO REQUIREMENTS.
 - PROVIDE UNDERGROUND SECONDARY FEEDERS FROM TRANSFORMER. PROVIDE (8) SETS OF 3800MCM AL PHASE CONDUCTOR AND 1 8000MCM NEUTRAL CONDUCTOR + 3 SHIELD CONDUITS IN CONCRETE ENCASED SECONDARY DUCT BANK AS SHOWN IN DRAWING E1.01. PROVIDE GROUNDING CONDUCTORS IN CONFORMANCE WITH LATEST OAKVILLE ELECTRICAL SAFETY CODES.
 - PROVIDE TWO (2) 150mm DUCT BANK FOR UTILITIES AND ENSURE 2m CLEARANCE FROM THE GROUNDING GRID. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH UTILITIES PRIOR TO ROUGH-IN.
 - PROPOSED MAIN ELECTRICAL ROOM LOCATED IN UNDERGROUND PARKING GARAGE LEVEL P1. COORDINATE EXACT LOCATION WITH OWNERS AND REQUIREMENTS WITH OAKVILLE HYDRO.
 - EXISTING BELL COMMUNICATION PVC CONDUITS STUBBED AT PROPERTY LINE WITH PULL ROPE. CONTRACTOR TO EXTEND PVC CONDUITS TO MAIN ELECTRICAL ROOM @ UNDERGROUND PARKING LEVEL P1 FOR COMMUNICATION SERVICE. FIELD VERIFY STUB UP LOCATION WITH BELL SERVICE PROVIDED AND VERIFY ON SITE. DEMARKATION.
 - EXTERIOR LIGHT FIXTURES (L1, L2, L3) ARE TO BE CONTROLLED VIA DIGITAL TIMER, PHOTOCELL AND MASTER SWITCH. TYPICAL.
 - EXISTING HYDRO POLES TO BE RELOCATED DUE SHORING BY HYDRO CONTRACTORS. DIV. 26 TO COORDINATE WITH HYDRO FOR ANY ADDITIONAL CONSIDERATIONS/REQUIREMENTS IN THE FIELD.

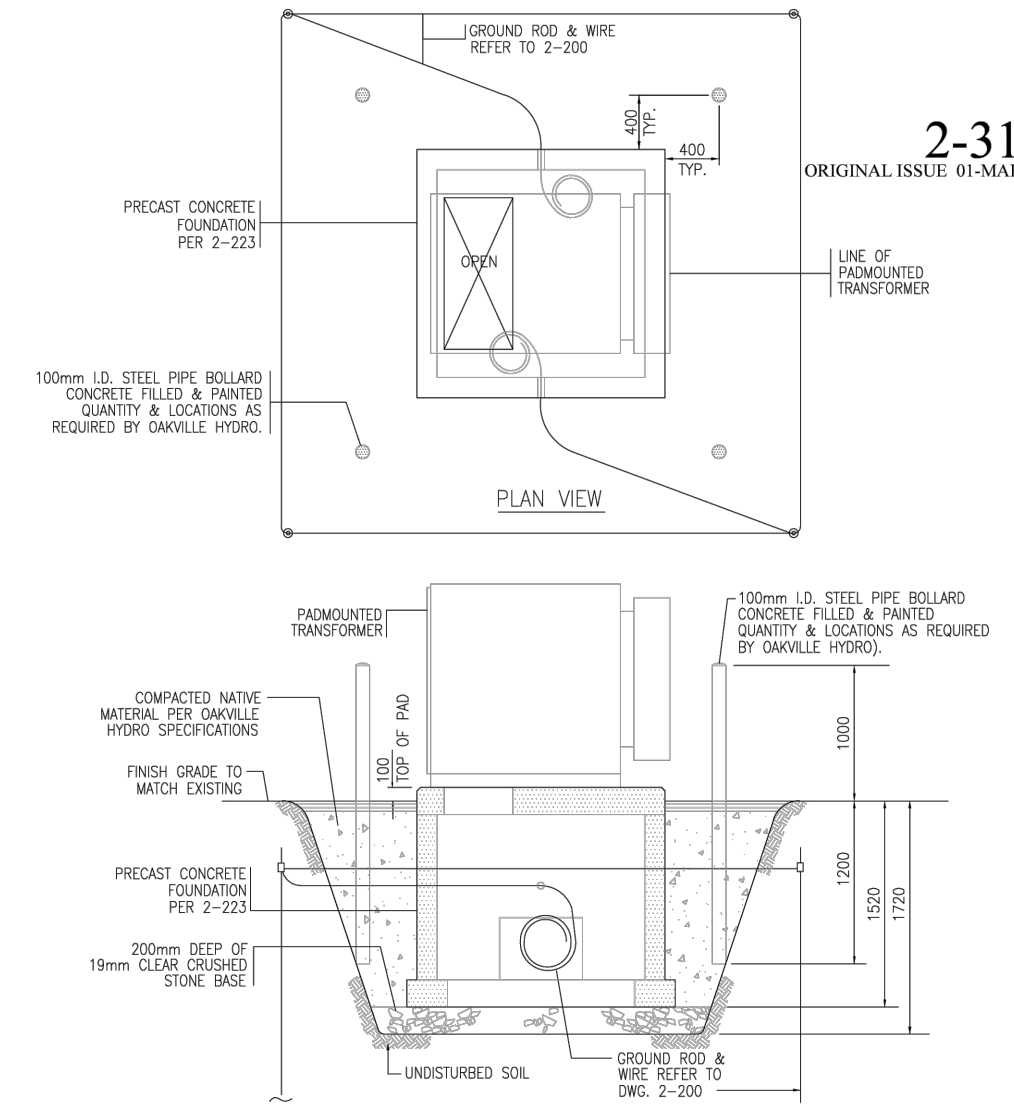
SITE PLAN - ELECTRICAL
SCALE: 1:200



CONCRETE ENCASED DUCT BANK
SECTIONS AND NOTES



PRECAST FOUNDATION FOR 150 TO 2500KVA
3 PHASE TRANSFORMER



3 PHASE PAD MOUNTED TRANSFORMER FOUNDATION
MAXIMUM 2500 KVA INSTALLATION DETAILS



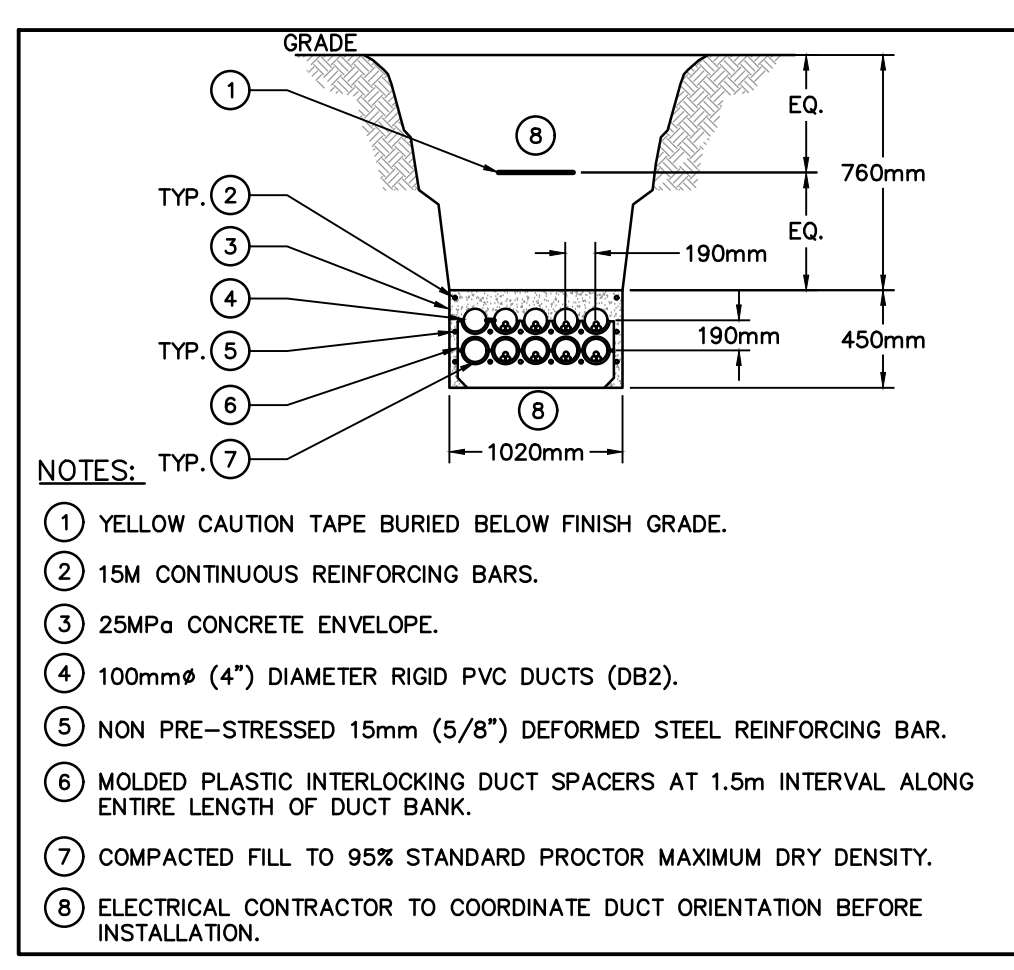
**OAKVILLE HYDRO ELECTRICITY DISTRIBUTION INC.
ENGINEERING AND CONSTRUCTION DEPARTMENT**

REQUIREMENTS FOR UNDERGROUND PRIMARY ELECTRICAL SERVICE

The following requirements form part of the Conditions of Electrical Service which will apply to this installation:

- Oakville Hydro Electricity Distribution Inc. will supply and install the transformer(s) at no charge to the Customer.
- The primary cables and terminations and primary switches will be supplied and installed by Oakville Hydro Electricity Distribution Inc. and charged to the Customer.
- The Customer shall supply and install the transformer pad, complete with grounding, 100 mm PVC concrete-encased ducts (on private property), the entire secondary and connections, and a central meter room, in accordance with the Oakville Hydro's specifications and the Electrical Safety Authority's regulations.
- Vehicle access to the transformer pad is required. A meter room, with direct outside access shall be provided and maintained by the Customer.
- The entrance doors to the meter room shall be equipped with a fire Universal lock cylinder and core, which must be supplied and installed by the customer prior to energization of the installation. Contact Hardware Agencies, 6520 Northam Drive, Mississauga Ontario, L4V 1P9. Scott Rocco at 905-276-1214, scottrocco@hardwareagencies.com for cylinder and core reference number and other details.
- The Customer shall consult with Oakville Hydro's Engineering & Construction Department to determine the metering requirements in detail. However, the following general requirements will be applicable:
 - All three-phase services must have a service neutral conductor installed by the Customer, from the service entrance to each meter location.
 - Indoor metering equipment shall be located on the load side of the fused disconnect switch and on the supply side of any step-down transformer.
 - Meter equipment shall be mounted at a minimum distance of 60 cm from the floor to the bottom of the socket or cabinet and a maximum distance of 190 cm from the floor to the top of the socket or cabinet.
 - The Customer shall notify the Metering Department when the metering cabinet has been installed, as all metering must be completed before the service is energized.
- A non-contributable wall may be required between the transformer and any window or door opening or adjacent property line if the location of the pad-mount transformer is within 6.1 meters of the above.
- The installation will be energized only after all requirements of the Electrical Safety Authority and Oakville Hydro's Engineering & Construction Department have been satisfied.

Form 300.075
2017 04 19



TYPICAL ENCASED DUCT BANK DETAIL
SCALE: 1:1.5

No.	Revision	Date	MM/DD/YYYY
3	ISSUED FOR TENDER ADDENDUM ADD-1	JUL 15/2022	
4	ELECTRICAL ADDENDUM #2 (OVERALL PROJECT ADDENDUM #3)	JUL 22/2022	
5	REBID FOR BUILDING PERMIT	AUG 20/2022	
6	ISSUED FOR CONDITIONAL PERMIT	AUG 29/2022	
7	ELECTRICAL ADDENDUM #4	SEP 29/2022	
8	ISSUED FOR CONSTRUCTION	OCT 07/2022	
9	ISSUED FOR EISA REVIEW	OCT 12/2022	
10	ELECTRICAL SI #1	NOV 16/2022	
11	ELECTRICAL SI #3	AUG 12/2024	
12	ELECTRICAL SI #3 R1	AUG 12/2024	

North	Engineer	Engineer
-------	----------	----------

DETAIL I.D.	
SHEET NUMBER	

1. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CRIDER & ASSOCIATES INC. AND THE REPRODUCTION OF ANY PART WITHOUT PRIOR WRITTEN CONSENT OF THIS OFFICE IS STRICTLY PROHIBITED.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION.

3. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.

4. DO NOT SCALE THE DRAWING.

5. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project
**THE WILMOT
1005 DUNDAS ST E
OAKVILLE, ONTARIO L6H 7E8**

Drawing
SITE PLAN - ELECTRICAL

211 YONGE STREET
SUITE 101
TORONTO, ON M5S 1M4
416-477-3392 T
WWW.CFCROIDER.CA
INFO@CFCROIDER.CA

2411 YONGE STREET
SUITE 101
TORONTO, ON M5S 1M4
416-477-3392 T
WWW.CFCROIDER.CA
INFO@CFCROIDER.CA

Drawn By	ELJ/RB	Design By	ELJ/NK	Project	1642-5143
Scale	1:200	Check By	N.J.M.A.	Drawing	EL1.01