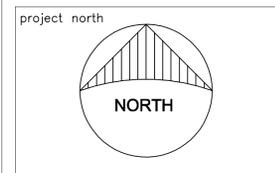
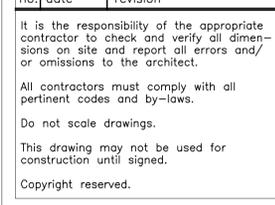


**GENERAL NOTES:**  
 ALL NEW COMMUNICATIONS CONDUIT IS TO BE INSTALLED TO SUITE THE FOLLOWING CONDITIONS:  
 a) 600mm BELOW GRADE MINIMUM AS MEASURED FROM THE TOP OF THE CONDUIT.  
 b) 300mm HORIZONTAL SEPARATION DISTANCE MINIMUM FROM UNDERGROUND PORTIONS OF ABOVE GROUND STRUCTURES.  
 c) 300mm HORIZONTAL SEPARATION DISTANCE MINIMUM FROM OTHER UNDERGROUND SERVICES.

- NOTES:**
- 1 EXISTING HYDRO OTTAWA MANHOLE "MH-4913".
  - 2 EXISTING HYDRO OTTAWA MANHOLE "MH-4914".
  - 3 EXISTING HYDRO OTTAWA MANHOLE "MH-4646".
  - 4 EXISTING HYDRO OTTAWA MANHOLE "MH-4647".
  - 5 EXISTING HYDRO OTTAWA MANHOLE "MH-4593".
  - 6 EXISTING HYDRO OTTAWA MANHOLE "MH-4565".
  - 7 FUTURE HYDRO OTTAWA MANHOLE "MH-5724".
  - 8 NOT IN USE.
  - 9 EXISTING HYDRO OTTAWA TRANSFORMER VAULT "TV-11217" LOCATED ON THE P1 PARKING LEVEL OF BLOCK 301.
  - 10 FUTURE HYDRO OTTAWA TRANSFORMER VAULT "TV-13713" TO BE LOCATED IN BLOCK 211.
  - 11 EXISTING HYDRO OTTAWA CONCRETE ENCASED DUCT BANK.
  - 12 EXISTING HYDRO OTTAWA HAND HOLE "HH-4832".
  - 13 1 x 50mm RIGID PVC CONDUIT FOR TELECOMMUNICATIONS CABLING COMPLETE WITH NYLON PULL ROPE.
  - 14 WATER PROOF HANDHOLE TO BE PROVIDED. HANDHOLES IS TO BE SIZED TO ACCOMMODATE 4 x 53mm CONDUIT AND 5 x 103mm CONDUIT. HANDHOLES IS TO BE LOCATED WITHIN PROPERTY LINE. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 15 WATER PROOF HANDHOLE TO BE PROVIDED FOR 120/208 VOLT CIRCUITS. HANDHOLE IS TO BE LOCATED WITHIN PROPERTY LINE. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 16 WATER PROOF HANDHOLE TO BE PROVIDED FOR 600 VOLT CIRCUITS. HANDHOLE IS TO BE LOCATED WITHIN PROPERTY LINE. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 17 WATER PROOF PVC JUNCTION BOX COMPLETE WITH POLYMER CONCRETE COVER SIZED TO ACCOMMODATE FOUR 103mm CONDUIT. JUNCTION BOX IS TO BE LOCATED IN SOFT LANDSCAPING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 18 WATER PROOF PVC JUNCTION BOX COMPLETE WITH POLYMER CONCRETE COVER SIZED TO ACCOMMODATE ONE 50mm AND TWO 41mm CONDUIT. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 19 NOT IN USE.
  - 20 WATER PROOF PVC JUNCTION BOX COMPLETE WITH POLYMER CONCRETE COVER SIZED TO ACCOMMODATE SIX 103mm CONDUIT. COORDINATE EXACT LOCATION OF JUNCTION BOX ON SITE DURING EXCAVATION.
  - 21 3 x 103mm RIGID PVC COMMUNICATIONS CONDUIT TO BLOCK 211. ALL CONDUIT TO BE COMPLETE WITH NYLON PULL ROPE.
  - 22 COMMUNICATIONS CONDUIT ARE TO BE ROUTED BENEATH TRENCH DRAIN WHEN CROSSING ZAIDA EDDY PRIVATE.
  - 23 APPROXIMATE LOCATION OF COMMUNICATIONS CONDUIT ENTRY POINT INTO BLOCK 211. EXACT LOCATION TO BE CONFIRMED ON SITE. CONNECT CONDUIT TO EXISTING CONDUIT STUBBED THROUGH FOUNDATION WALL.
  - 24 CORE WALL AT EAST END OF TUNNEL AND TERMINATE CONDUIT 300mm INSIDE EAST WALL OF TUNNEL.
  - 25 300mm WIDE x 100mm HIGH BASKET TYPE CABLE TRAY. CABLE TRAY TO COMMENCE IN COMMUNICATION ROOM P2-04 ON THE P2 LEVEL OF BLOCK 208 AND TERMINATE AT THE EAST WALL OF THE SERVICE TUNNEL BENEATH BOOTH STREET.
  - 26 OUTLINE OF MAIN COMMUNICATIONS ROOM P2-04 ON THE P2 LEVEL OF BLOCK 208.
  - 27 1 x 78mm RIGID PVC CONDUIT TO PUMP STATION. ALL CONDUIT COMPLETE WITH NYLON PULL STRING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 28 2 x 50mm RIGID PVC CONDUIT FOR POWER TO FUTURE EAST PARK AND 1 x 50mm RIGID PVC CONDUIT FOR FUTURE PUMP STATION. ALL CONDUIT COMPLETE WITH NYLON PULL STRING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 29 2 x 50mm RIGID PVC CONDUIT FOR COMMUNICATIONS TO FUTURE EAST PARK AND 1 x 50mm RIGID PVC CONDUIT FOR FUTURE PUMP STATION. ALL CONDUIT COMPLETE WITH NYLON PULL STRING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 30 POWER FOR NCC SUNSET PARK LIGHTING AND AV CABINET TAKEN FROM BLOCK 301 LEVEL P1 HYDRO OTTAWA VAULT. PROVIDE 50mm RIGID PVC CONDUIT. ALL CONDUIT COMPLETE WITH NYLON PULL STRING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 31 COMMUNICATIONS CONDUITS FOR NCC SUNSET PARK AV TAKEN FROM BLOCK 205a LEVEL P2 COMMUNICATIONS ROOM PROVIDE 50mm RIGID PVC CONDUIT. ALL CONDUIT COMPLETE WITH NYLON PULL STRING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 32 TRANSITION TO EMT CONDUIT WHILE WITHIN BLOCK 301 PARKING GARAGE. PROVIDE JUNCTION BOXES AS NEEDED. EXACT COORDINATION OF CONDUIT PATH TO BE DETERMINED ON SITE. PROVIDE NYLON PULL STRINGS IN CONDUIT.
  - 33 NOT IN USE.
  - 34 PROVIDE 2 x CONDUIT FOR THE WIFI AND AV REQUIREMENTS FROM LEVEL P2 COMMUNICATIONS ROOM WITHIN BLOCK 205a. FOLLOW EXISTING TEMPORARY LIGHTING CONDUIT PATH UNTIL LIGHT POST. TRANSITION UP POLE TO RUN FREE AIR FROM POLE TO POLE.
  - 35 CONDUIT TO BE RUN STACKED VERTICALLY WITHIN PROVIDED TRENCH. REFER TO DETAIL 2 ON DRAWING E900 FOR REFERENCE.
  - 36 REFER TO DETAIL 3 ON DRAWING E900 FOR CONDUIT FOR REQUIRED CORING THROUGH NORTH WALL.
  - 37 NOT IN USE.
  - 38 PROVIDE ADDITIONAL PROTECTION WHERE MINIMUM DEPTH OF CONDUIT CANNOT BE MAINTAINED.
  - 39 REFER TO DETAIL 3 ON DRAWING E900 FOR CONDUIT AND CABLE TRAY MOUNTING DETAILS.
  - 40 REFER TO DETAIL 1 ON DRAWING E900 FOR CONDUIT ROUTING AROUND DRAIN PIPES.
  - 41 ENBRIDGE INCOMING NATURAL GAS LINE
  - 42 SITE LIGHTING CONDUIT TO RUN ABOVE ENBRIDGE NATURAL GAS LINE KEEPING A VERTICAL SEPARATION OF 300mm ABOVE NATURAL GAS LINE AND A 600 mm DEPTH OF BURIAL. WHERE VERTICAL SEPARATIONS CAN NOT BE MAINTAINED CONTRACTOR TO PROVIDE ADDITIONAL MECHANICAL PROTECTION.
  - 43 WATER PROOF PVC JUNCTION BOX COMPLETE WITH POLYMER CONCRETE COVER SIZED TO ACCOMMODATE 1x53mm CONDUIT. JUNCTION BOX IS TO BE LOCATED IN SOFT LANDSCAPING. COORDINATE EXACT LOCATION ON SITE DURING EXCAVATION.
  - 44 NOT IN USE
  - 45 NOT IN USE
  - 46 SCOPE FALLS WITHIN INTERIOR OF BUILDING 535 WORK.
  - 47 SCOPE FALLS WITHIN INTERIOR OF BUILDING 535 WORK.
  - 48 SCOPE FALLS WITHIN EXTERIOR WORK BEYOND BUILDING 535.
  - 49 PROVIDE JUNCTION BOXES AS NEEDED WITHIN BUILDING 535.
  - 50 PROVIDE JUNCTION BOXES AS NEEDED WITHIN BUILDING 535.
  - 51 1 x 103mm CONDUIT FOR COMMUNICATIONS AND 1 x 103mm CONDUIT FOR 208V POWER TO BE TURNED OUT OF DUCT BANK. FINAL LOCATION TO BE DETERMINED ON SITE FOR FUTURE USE.
  - 52 NOT IN USE
  - 53 REFER TO DRAWING E404 FOR ADDITIONAL INFORMATION.

no.	date	revision
17	2020-01-19	ISSUED FOR UPDATED COORD.
16	2020-01-05	ISSUED FOR TENDER.
15	2020-12-23	ISSUED FOR TENDER COORD.
14	2020-12-17	ISSUED FOR AS BUILT.
13	2020-12-09	ISSUED FOR CONSTRUCTION
12	2020-12-03	ISSUED WITH SI E-017 R4
11	2020-11-26	ISSUED WITH SI E-017 R3
10	2020-11-12	ISSUED WITH SI E-017 R2
09	2020-10-29	ISSUED WITH SI E-017 R1
08	2020-10-05	ISSUED WITH SI E-018
07	2020-10-01	ISSUED WITH SI E-017
06	2020-08-20	ISSUED WITH SI E-014 R02
05	2020-08-19	ISSUED WITH SI E-016 R01
04	2020-08-19	ISSUED WITH SI E-015 R01
03	2020-07-28	ISSUED WITH SI E-016
02	2020-06-25	ISSUED WITH SI E-015
01	2020-05-26	ISSUED WITH SI E-013

It is the responsibility of the appropriate contractor to check and verify all dimensions on site and report all errors and/or omissions to the architect.  
 All contractors must comply with all pertinent codes and by-laws.  
 Do not scale drawings.  
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**CROSSEY ENGINEERING LTD.**  
 2255 Sheppard Ave East  
 Suite E-331  
 Toronto, ON M2J 4Y1  
 416.497.3111 www.cel.ca

project  
**ZIBI ELECTRICAL SITE SERVICES**

drawing title  
**PART SITE PLAN - POWER & SYSTEMS**

drawn	date	scale
CEL	2021-01-19	1:250
project		15099
drawing no.		<b>E400</b>