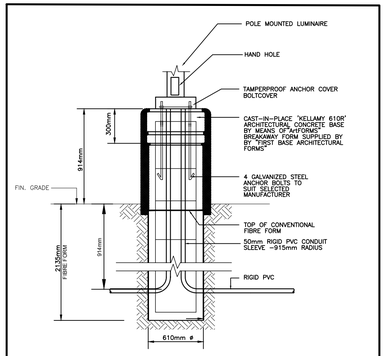


NOTES:

N-1 ALL DIMENSIONS ARE IN MILLIMETRES OR METRES.

N-2 TOP OF FOUNDATION SHALL BE TROWELLED SMOOTH & LEVEL.

N-3 CLASS OF CONCRETE SHALL BE 25 mPa. CONCRETE SHALL BE VIBRATED.

N-4 MIN OF TWO SLEEVES REQUIRED FOR EACH CONC. FOUNDATION UNLESS OTHERWISE SHOWN.

N-5 PROVIDE A 19mm DIA. 3000mm STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AND CONNECT TO METAL POLE WITH BARE COPPER CONDUCTOR.

N-6 CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES.

N-7 SUBJECT TO SOIL CONDITIONS.

N-8 FORM RELEASE AGENT HAS BEEN FACTORY-APPLIED TO INSIDE SURFACE OF "ArtFORM".

N-9 CHAMFER ALL EDGES ABOVE GRADE.

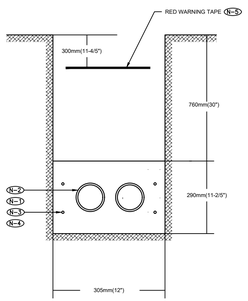
N-10 SOIL BEARING CAPACITY AND CONCRETE BASE DIMENSIONS TO BE CONFIRMED BY ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.

N-11 FOR EXACT CONCRETE, REBAR, AND DEPTH SEE STRUCTURAL ENGINEERING DRAWINGS.

N-12 POLE TO BE GROUNDED.

N-13 COORDINATE CONCRETE BASE TYPE WITH ARCHITECT PRIOR ROUGH-IN.

2 / E100 LIGHT STANDARD BASE DETAIL SCALE: N.T.S.



NOTES:

N-1 9mm (3/8") POLYPROPYLENE ROPE REQUIRED IN ALL DUCTS

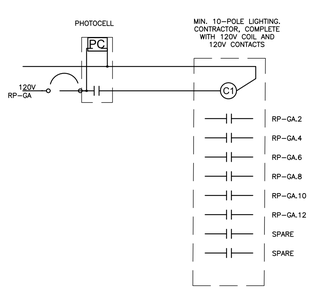
N-2 53mm (2") I.D. DUCTS IN SAND IN NON-VEHICLE AREAS. PROVIDE MECHANICAL PROTECTION ABOVE DUCTS IN VEHICLE AREA. ONE DUCT FOR POWER AND ONE DUCT FOR CONTROLS.

N-3 15mm (1/2") REINFORCING RODS

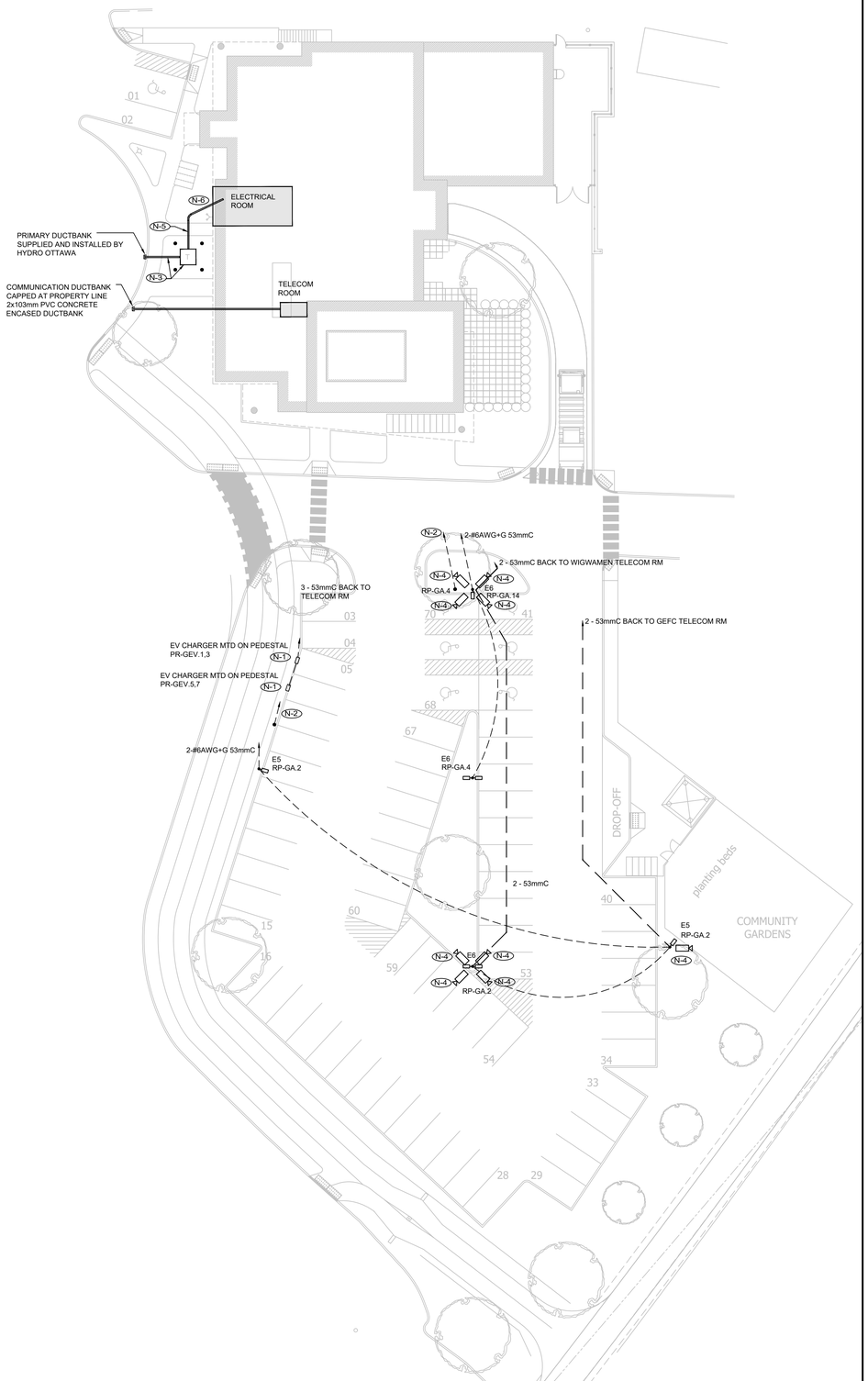
N-4 PROVIDE BELL ENDS AT TERMINATION OF ALL DUCTS

N-5 RED WARNING TAPE TO EXTEND THE FULL WIDTH OF THE TRENCH

3 / E100 LIGHT DUCTS - DIRECT BURRIED SCALE: N.T.S.



4 / E100 EXTERIOR LIGHTING CONTROLS SCHEMATIC SCALE: N.T.S.



1 / E100 SITE PLAN
SCALE: 1:250

N-1 PROVIDE 208V 40A 2P GFCI BREAKER FOR TWO (2) 208V 1PH SMART LEVEL2 EV CHARGING STATION ON EACH PEDESTAL AT EXTERIOR PARKING AREA. CHARGING STATION TO BE DUAL SIDE-TO-SIDE MOUNTED CoRe+PS, C+V2-EVSE-30-25-LC1-RR1-ANSL-FL-NRRV-PS, OF FLO. COMPLETE WITH CoRe+ SINGLE PEDESTAL OF FLO, CABLE MANAGEMENT SYSTEM, CoRe+ BRACKETS, CABLE MANAGEMENT SYSTEM SIGN, PEDESTAL CASCADING MOUNTING BRACKET WITH TERMINAL BLOCK, CoRe+ PEDESTAL ANCHOR KIT AND PARKING SIGN 'RESERVED - ELECTRIC VEHICLE CHARGING' - COORDINATE MANUFACTURER'S REQUIREMENT AND EXACT LOCATION PRIOR TO INSTALLATION. EV CHARGING STATIONS TO BE INSTALLED BETWEEN TWO PARKING LOTS. COORDINATE EXACT LOCATION ON SITE. PROVIDE BOLLARDS FOR PROTECTION.

N-2 PROVIDE 4x2"C CONDUITS FOR FUTURE ELECTRIC VEHICLE CHARGING STATIONS TERMINATE IN A HANDWELL. CONDUITS STUB UP IN LANDSCAPE AREA BACK TO THE MAIN ELECTRICAL ROOM. PROVIDE HANDWELL EQUAL TO BCP 2112 SERIES C/W COVER.

N-3 HYDRO SUPPLIED PAD MOUNTED TRANSFORMER. PROVIDE 4X12 MANHOLE/PAD, PROTECTIVE BOLLARS AND GROUNDING PER HYDRO STANDARDS. PROVIDE PRIMARY DUCT BANK 4-103mm DB2 DUCTS IN CONCRETE ENCASED DUCT STRUCTURE 2HxW PER HYDRO STANDARDS. ALL CIVIL WORK TO BE PERFORMED USING QUALIFIED HYDRO OTTAWA CIVIL CONTRACTOR AND INSPECTED BY HYDRO OTTAWA.

N-4 SECURITY CAMERA TO BE MOUNTED ON TOP OF LIGHT STANDARD. PROVIDE 53mm CONDUITS FOR CAMERAS TERMINATE BACK TO TELECOM ROOM.

N-5 PROVIDE 3x103mm CONDUITS IN CONCRETE ENCASED SECONDARY DUCT BANK TO MAIN ELECTRICAL ROOM. REFER TO DETAIL 1/E002.

N-6 SECONDARY CONDUIT ENTRY SHALL NOT CONFLICT WITH RAFT SLAB AND SHALL BE ROUTED IN TO BUILDING AT THE RAFT SLAB PERIMETER BETWEEN 175MM AND 750MM BELOW GRADE. REFER TO ARCHITECTURAL AND STRUCTURAL. ELECTRICAL CONTRACTOR TO DETERMINE EXACT ROUTING ON SITE. OBTAIN STRUCTURAL ENGINEER'S APPROVAL PRIOR TO INSTALLATION OF PROPOSED ROUTING.

NO.	REVISION	DATE
1	ISSUED FOR COORDINATION	2024-11-29
2	ISSUED FOR PERMIT	2024-12-06
3	ISSUED FOR PERMIT COMMENT RESPONSES	2025-05-09
4	ISSUED FOR TENDER	2025-05-30
5	ISSUED FOR SITE PLAN RESUBMISSION	2025-12-10

CONSTRUCTION

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PROJECT TITLE

WIGWAMEN
2040 ARROWSMITH DRIVE, OTTAWA, ON, K1J 8V9

DRAWING TITLE

SITE PLAN

DESIGNED BY: M.L.
DRAWN BY: A.N.
START DATE: 2023 05
SCALE: AS SHOWN
PROJECT NO. 22734.000

DRAWING No. E100

PLOT DATE: 2025-12-10