## **UTILITY NOTES:**

STREETLIGHTS

1. THIS PLAN HAS BEEN PREPARED FOR CONCEPTUAL PURPOSES ONLY. REFER TO THE FOLLOWING PLANS, PREPARED BY THE UTILITY COMPANIES FOR DETAILS.

> MARK RAYCROFT (613-298-1348) HYDRO ONE RUSSEL LONG (613-203-4524) ENBRIDGE GAS ROGERS CABLE AL ROBICHAUD (613-978-5768) BELL CANADA LEE SAUNDERS (613-601-8134) CANADA POST WILLY BEHRENS

ROBERT PUCCI (CITY OF OTTAWA) (613-296-7271) 2. CONTRACTOR TO CONTACT RESPECTIVE UTILITY COMPANIES TO DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR TO ASSUME ALL LIABILITY FOR DAMAGE TO EX. UTILITIES.

- 3. CONTRACTOR SHALL EXCAVATE, BACKFILL, AND RESTORE ALL SURFACES TO EXISTING CONDITIONS FOR HYDRO PRIMARY, BELL, AND ROGERS CABLES.
- 4. TEMPORARILY COIL ALL SERVICE WIRES ON A 50mm X 100mm X 2.4m WOODEN POST 0.5m INSIDE PROPERTY LINE FOR EACH UNIT WITH ENOUGH CONDUCTOR TO ALLOW
- FOR COMPLETION OF TRENCHING AND BUILDING CONNECTION. 5. ALL HYDRO TRANSFORMERS TO HAVE 3.0m (MIN.) CLEARANCE FROM DRIVEWAYS.
- 6. ALL STREETLIGHTS TO HAVE 1.5m(MIN.) CLEARANCE FROM DRIVEWAYS.
- 7. HYDRO METERS ARE TO BE LOCATED ON DRIVEWAY SIDE OF HOUSE. 8. SECONDARY SERVICE TRENCHES ARE 4-PARTY JOINT USE TRENCH.

## STREETLIGHTING REQUIREMENTS:

STREET	PROPOSED SPEED	CLASSIFICATION	PAVEMENT WIDTH	TARGET LIGHTING LEVELS
CHANDELLE PVT	50 km/h	LOCAL ROAD	8.5m	MARKER LIGHTING
STREET THREE	50 km/h	LOCAL ROAD	8.5m	MARKER LIGHTING
ALBERT BOYD PVT	50 km/h	LOCAL ROAD	8.0m	MARKER LIGHTING

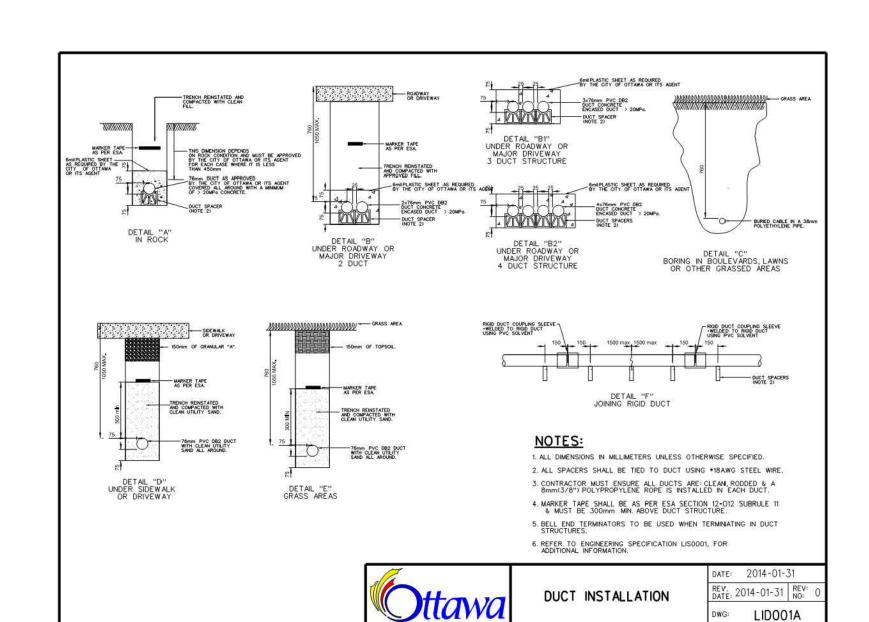
## POLE:

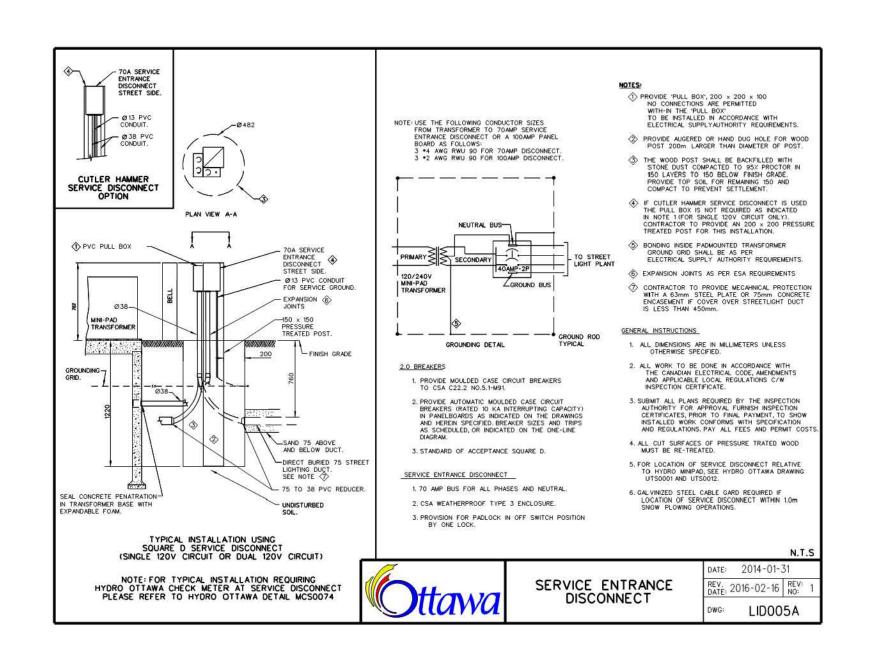
STREETLIGHT	POLE SERIES	POLE LENGTH	POLE HEIGHT ABOVE GRADE	MANUFACTURING CATALOG #
SL 1B2-1 - SL 1B2-3	HAMPTON	9.1m	7.6m	HA-300-B-3-BE-20-X-OTT

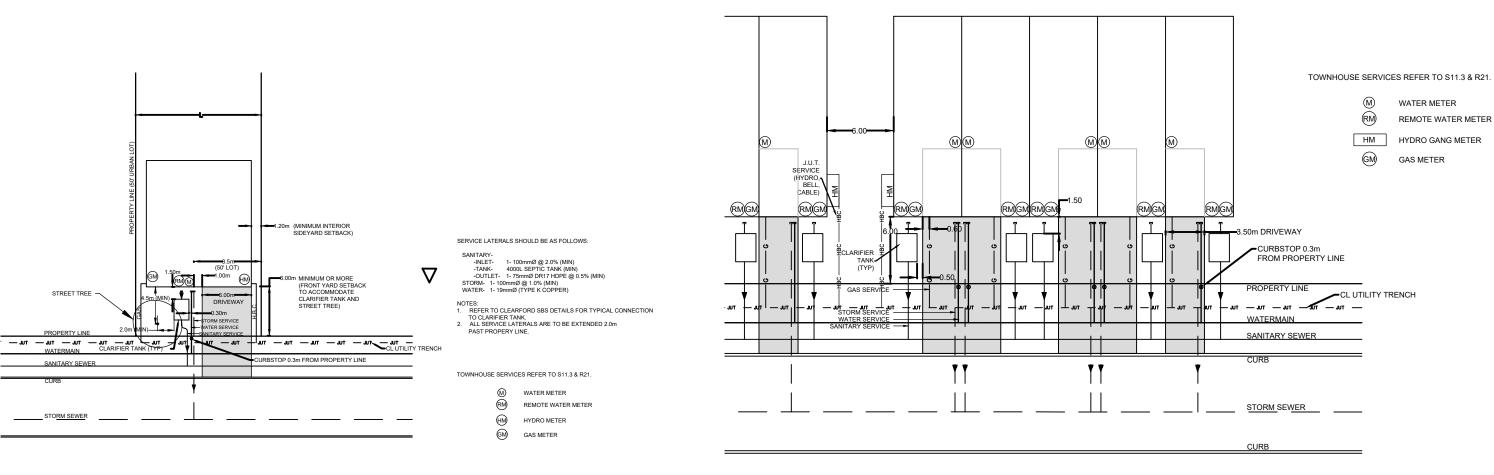
## LIGHT FIXTURE LEGEND:

\*\*GULLWING G18 LUMINAIRE INCLUDES BRACKET

STREETLIGHT	TYPE	VOLTAGE	LAMP (WATTS)	MANUFACTURING CATALOG #
SL 1B-1 - SL 1B-5	GULLWING G18 (SINGLE)	120	50	G18-DIM-1-2-50LA-4835-WW-120-BLK-PCR7
*FIXTURE COMPLETE WITH TELENSA, TELECELL T2A1N-B-3 STREETLIGHT CONTROLLER				







TYPICAL LOT SERVICING DETAIL - URBAN LOT

2.40m ACCESS EASEMENT

0.80m /

SERVICE

TYPICAL PLAN VIEW OF BELL

PEDESTAL (TOWNHOUSES)

SCALE 1.100

PEDESTAL

-CLARIFIER TANK

WATER SERVICE

STORM

SERVICE

┌GAS SERVICE

JUT SERVICE (HYDRO,

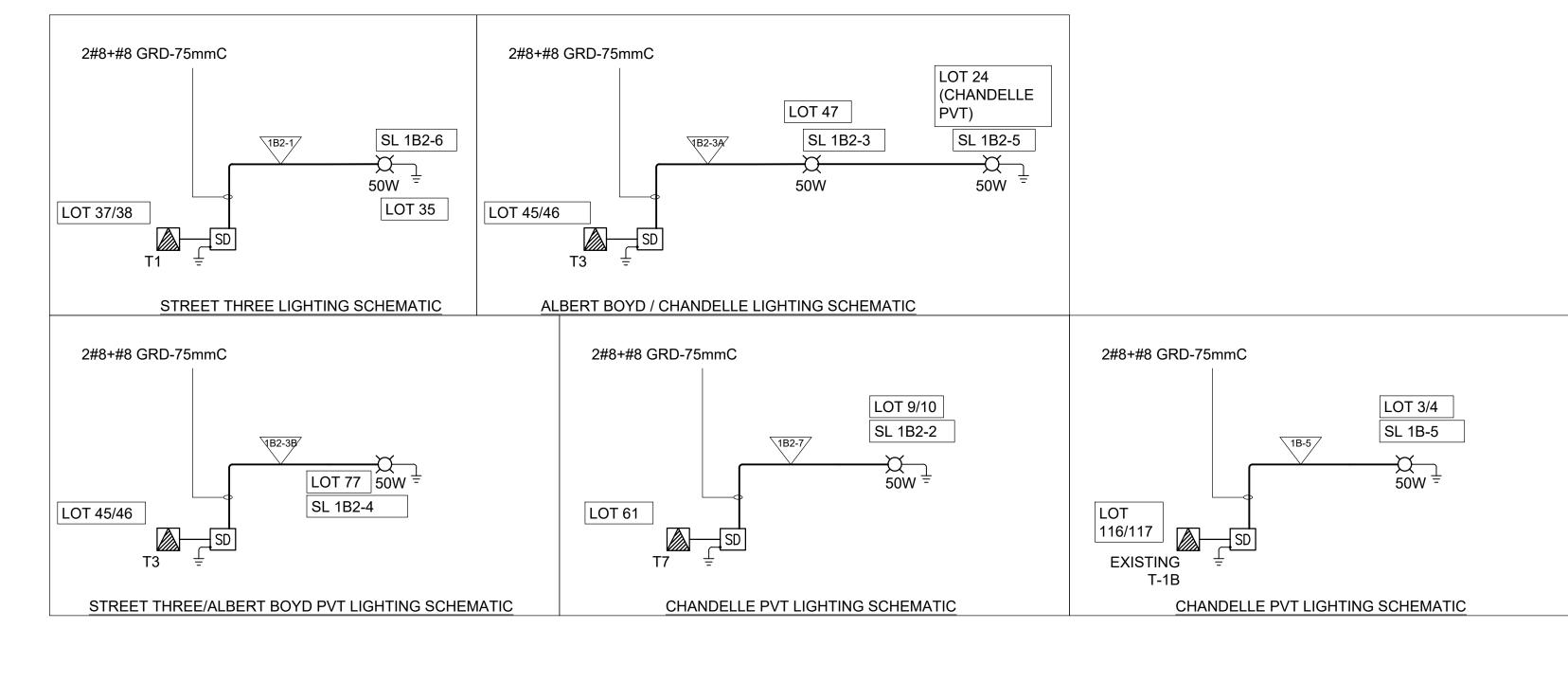
BELL, CABLE)

SERVICE

WATERMAIN

SBS SANITARY

TYPICAL LOT SERVICING DETAIL - TOWNHOUSE

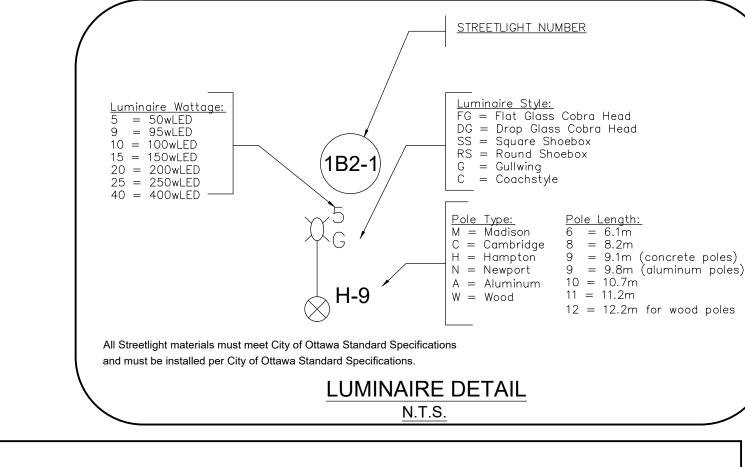


. <del>||−|</del>0.61m<del>|−</del>

\_\_\_\_2.40m\_\_\_\_**>** 

TYPICAL PLAN VIEW OF BELL PEDESTAL (SINGLES)

1.8m CONCRETE SIDEWALK

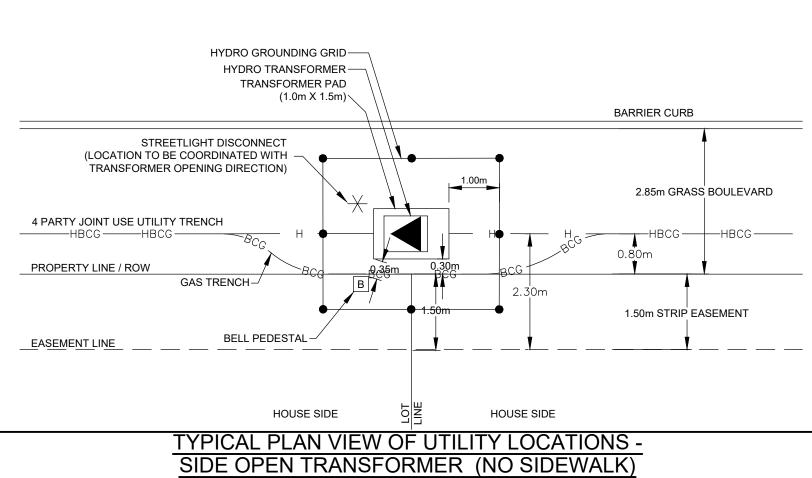


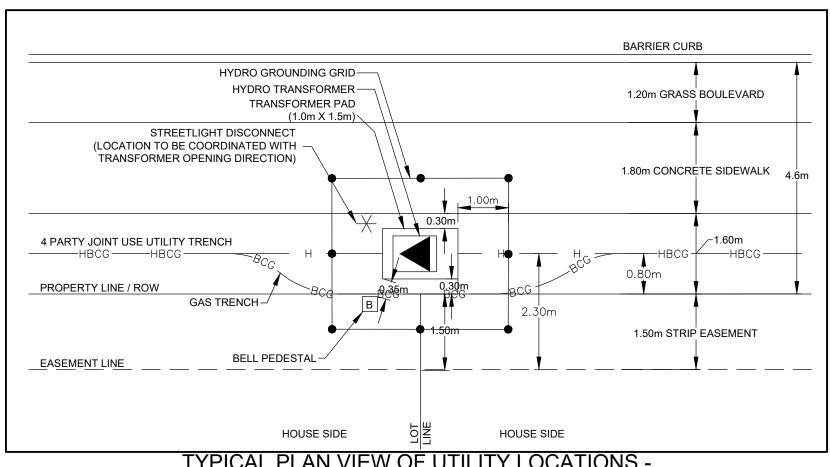
8 = 8.2m

11 = 11.2m

9 = 9.1m (concrete poles)

12 = 12.2m for wood poles





TYPICAL PLAN VIEW OF UTILITY LOCATIONS -SIDE OPEN TRANSFORMER (AT SIDEWALKS)

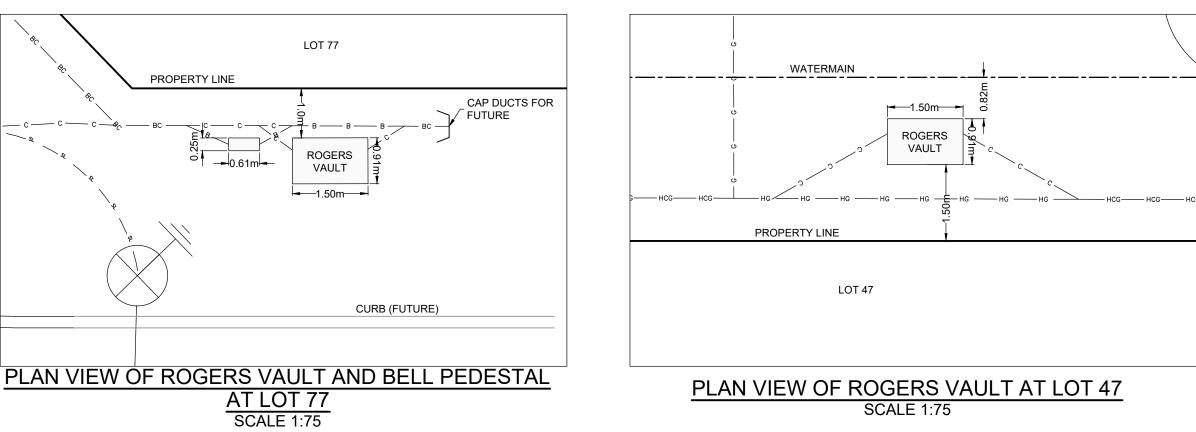
1.80m CONCRETE SIDEWALK

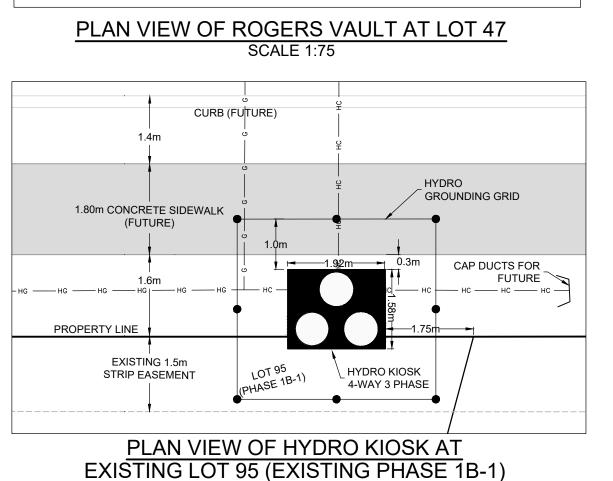
JUT TO BE 300mm MIN.

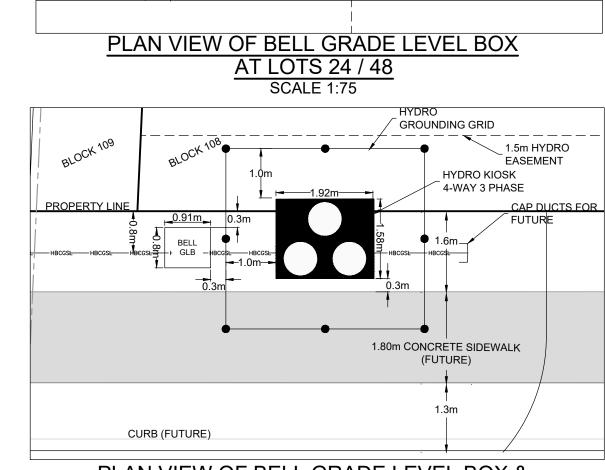
FROM CB PER HYDRO ONE

250mmØ CATCHBASIN LEAD

TABLE 1B HBCGSL HBCGSL







,	
·	
PLAN VIEW OF BELL GRADE LEVE	L BOX &
HYDRO KIOSK AT BLOCK 10	) <u>8</u>
SCALE 1:75	

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

				SOME 1.75				
				SCALE	DESIGN	FOR REVIEW ONLY		
					MNP		]	
				AS SHOWN	ARM			
					DRAWN		Engineer	
	DELVISED DED ELICENTENT GOODDINATION		4514		MNP		Suite 20 Ottav	
3.	REVISED PER EASEMENT COORDINATION	JUN 24/24	ARM		CHECKED			
2.	REVISED PER UTILITY CIRCULATION #2	MAY 31/24	ARM		ARM		Telepho Facsimile	
1.	ISSUED WITH UTILITY CIRCULATION #2	APR 4/24	ARM		APPROVED		Website	
No.	REVISION	DATE	BY		XXX			

LOCATION CITY OF OTTAWA **NONTECH** eers, Planners & Landscape Architects e 200, 240 Michael Cowpland Drive ttawa, Ontario, Canada K2M 1P6

(613) 254-5867

www.novatech-eng.com

WEST CAPITAL AIRPARK DRAWING NAME **UTILITY AND STREETLIGHT** DETAILS - PHASE 1B-2 (613) 254-9643

102085-08 REV # 3 102085-SL1B2