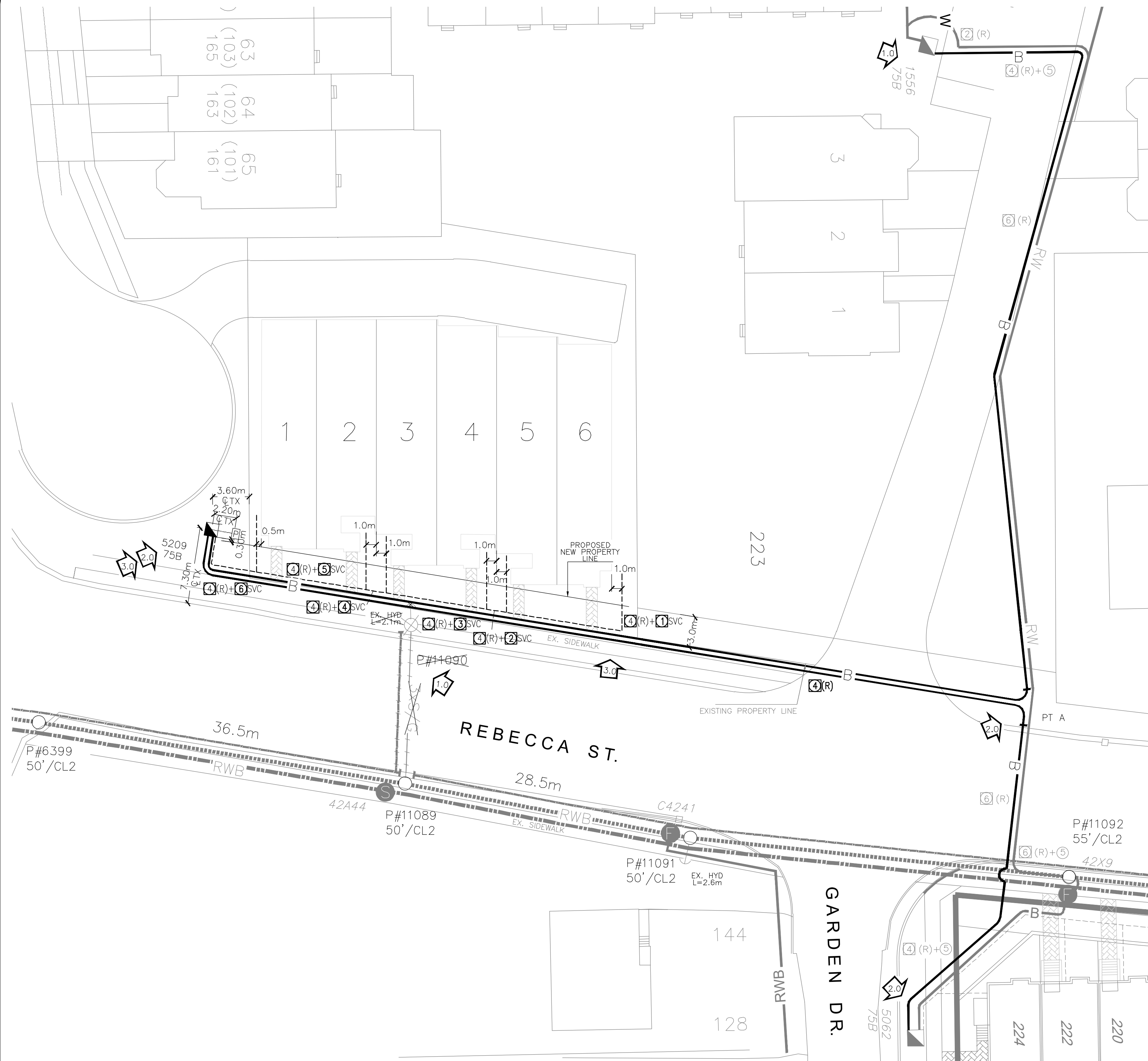
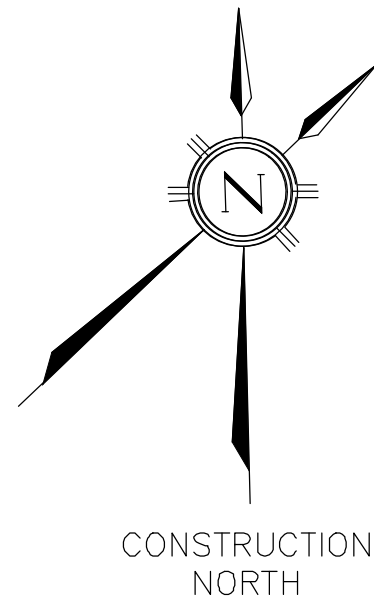
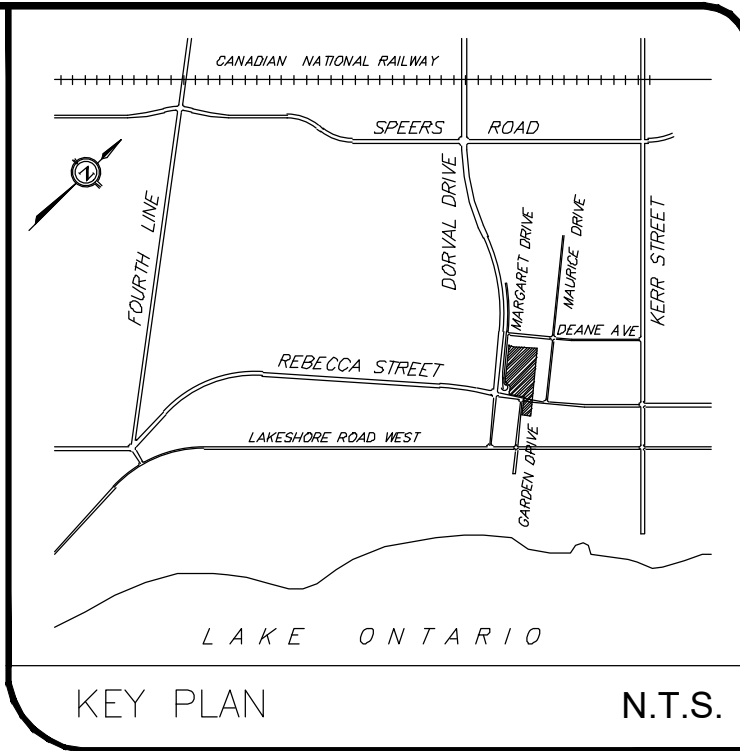
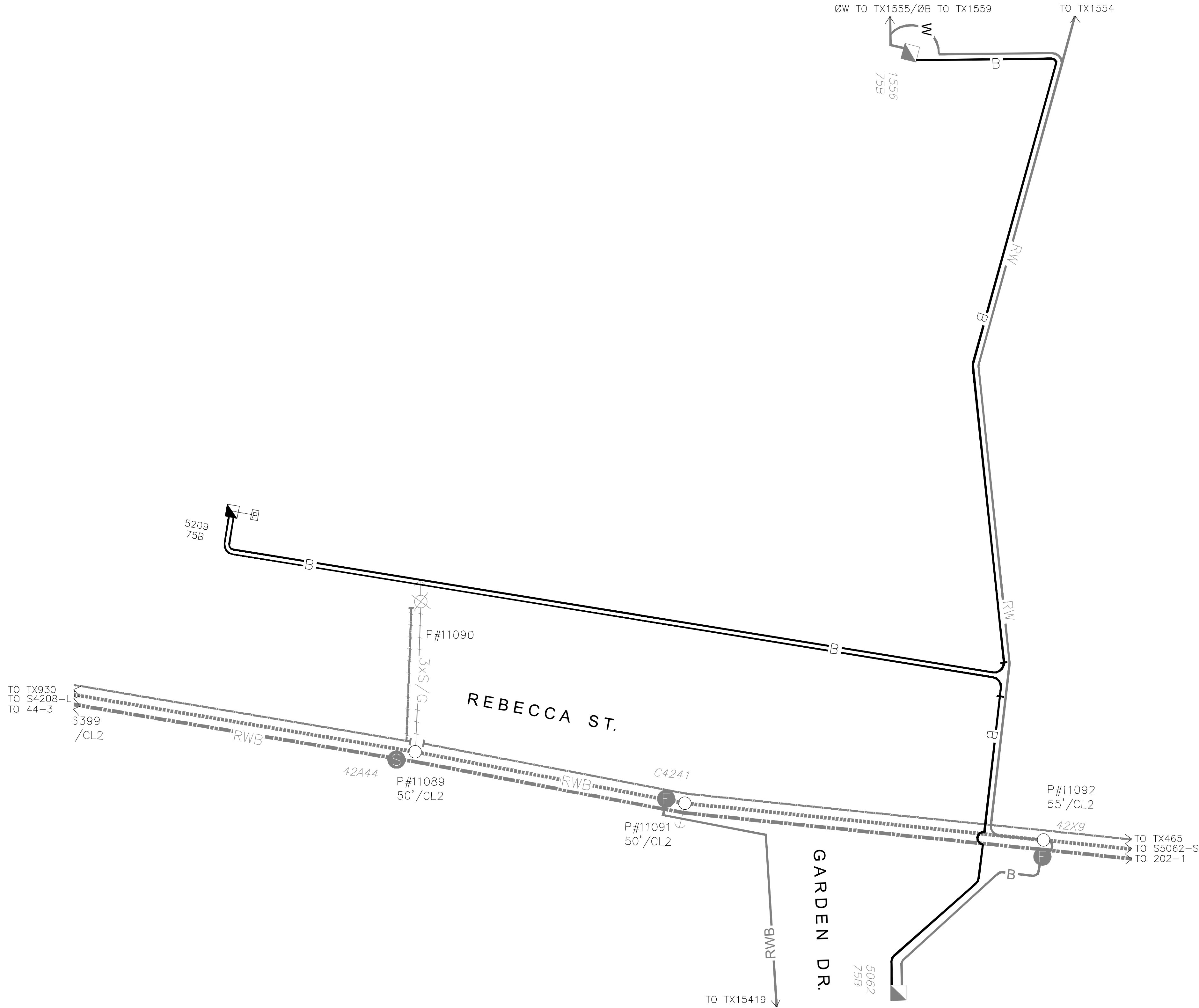






OWNERSHIP DEMARCATION

OWNERSHIP DEMARCATION POINT FOR RESIDENTIAL SERVICES IS LINE SIDE TERMINAL OF METER BASE.

APPLICABLE DESIGN STANDARDS

INSTALLATION OF THE ELECTRICAL DISTRIBUTION SYSTEM SHALL BE IN ACCORDANCE WITH THE FOLLOWING OAKVILLE HYDRO STANDARDS:

INSTALLATION TYPE	APPLICABLE STANDARD DRAWING
DISTRIBUTION TRENCH	2-100
ROAD CROSSING	2-101, 2-102, 2-103
SINGLE PHASE PADMOUNT TRANSFORMER	2-206, 2-300, 2-301
SECONDARY SERVICE TERMINATION	2-105
VAULT, TX, K-BAR, SWGR, PAD GROUNDING	2-200

REBECCA ST. TH DRAWING REFERENCE	
HYDRO DISTRIBUTION SYSTEM	H-2445A
PRIMARY SCHEMATIC	H-2445B
DUCT & CABLE ROUTING	H-2445C

N.T.S. - PRIMARY DISTRIBUTION SYSTEM SCHEMATIC, GRID REF MS4
FOR FINAL ENERGIZATION REFER TO GRID MS4 FOR ULTIMATE NOP (NORMAL OPEN POINTS) REFERENCE

RECORD OF INSPECTION THIS CONFIRMS THAT THE INSTALLATION HAS BEEN COMPLETED ACCORDING TO THIS PLAN AND ANY APPROVED CHANGES NOTED. ☐ RECORD OF INSPECTION (APPLIES TO COMPLETE DRAWING) ☐ PROGRESSIVE RECORD OF INSPECTION (APPLIES TO HIGHLIGHTED AREA ONLY) INSPECTION BY: NAME: _____ SIGNATURE: _____ DATE: _____ SUPERVISOR: NAME: _____ SIGNATURE: _____ DATE: _____	CERTIFICATE OF APPROVAL THE INSTALLATION WORK COVERED BY THIS DOCUMENT MEETS THE SAFETY STANDARDS OF SECTION 4 OF ONTARIO REGULATION 22/04 NAME: _____ SIGNATURE: _____ DATE: _____ ENGINEER'S SEAL
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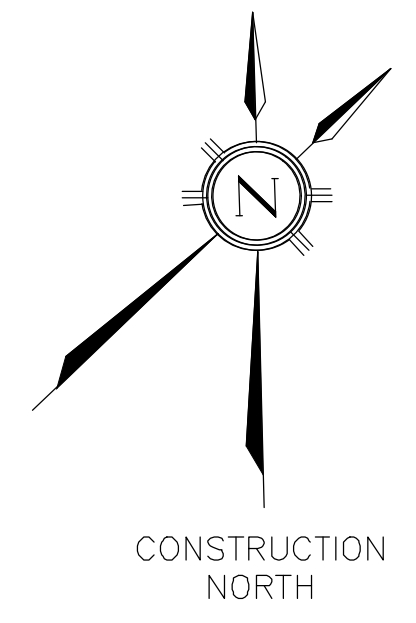
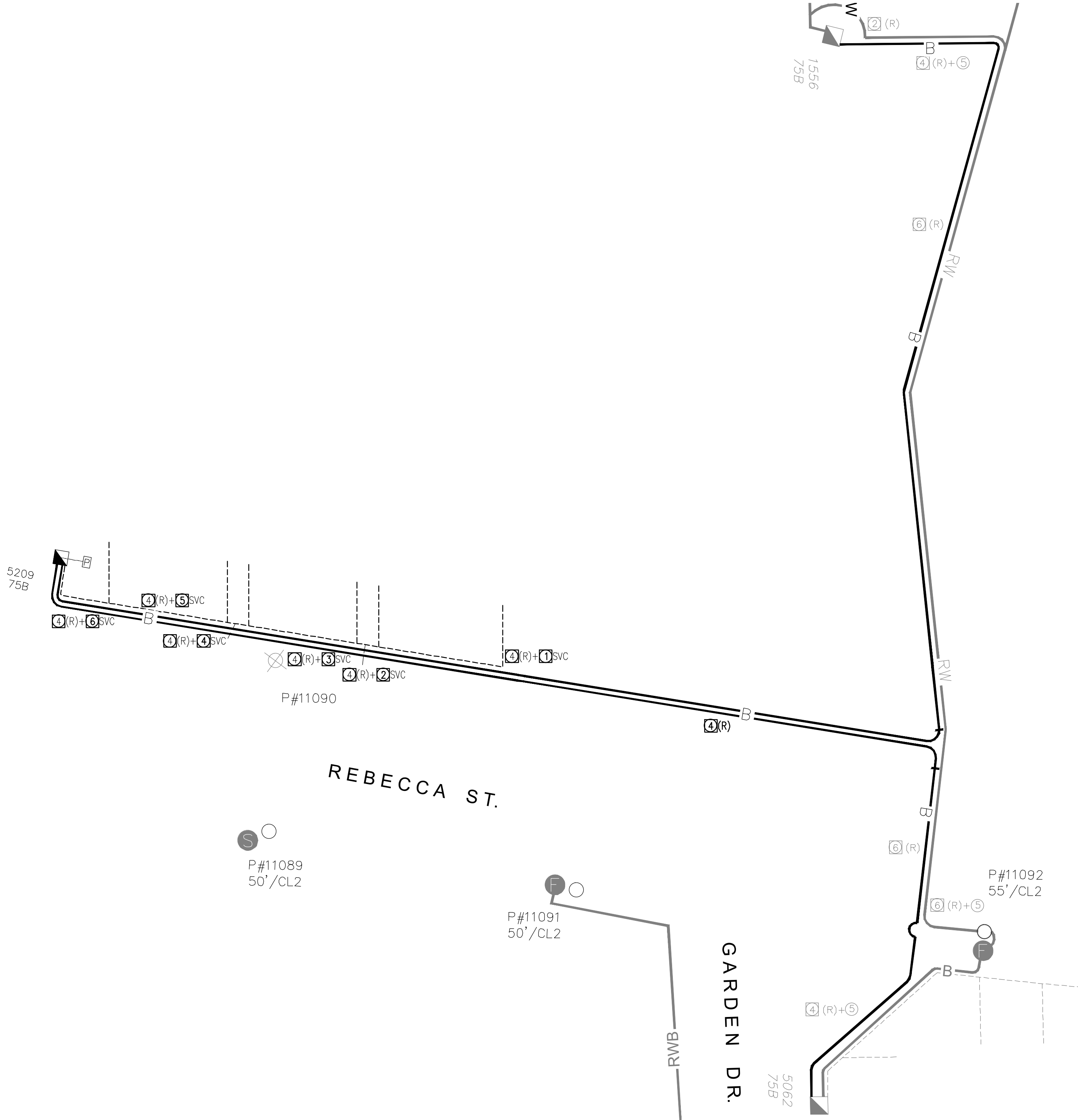
LEGEND	
	PROPOSED 3-1/0 AL 28kV TR-XLPE CN-ENC PRIMARY CABLE AND PHASE PRIMARY CIRCUIT IN 4x100mm# C.E.R. PVC TYPE 2 DUCT
	PROPOSED 1-1/0 AL 28kV TR-XLPE CN-ENC PRIMARY CABLE AND PHASE, EACH CABLE IN 2x100mm# C.E.R. PVC TYPE 2 DUCT
	PROPOSED 3-3/0 600V XLPE PVCJ USE90 SECONDARY CABLE IN 100mm# C.E.R. PVC TYPE 2 DUCT
	3-#4 Cu RWJ C/W 1-#4 Cu STREETLIGHT PEDESTAL SUPPLY CABLE (RED, WHITE, BLACK) IN 1-100mm# C.E.R. PVC TYPE 2 DUCT
	10, 16000V, 120/240 MVA PAD TRANSFORMER, SIZE AS NOTED, OR 3Ø TRANSFORMER, SIZE & VOLTAGE AS NOTED
	EXISTING 3-1/0 AL 28kV TR-XLPE CN-ENC PRIMARY CABLE AND PHASE PRIMARY CIRCUIT IN 4x100mm# C.E.R. PVC TYPE 2 DUCT
	EXISTING 1-1/0 AL 28kV TR-XLPE CN-ENC PRIMARY CABLE AND PHASE, EACH CABLE IN 2x100mm# C.E.R. PVC TYPE 2 DUCT
	EXISTING 3-3/0 600V XLPE PVCJ USE90 SECONDARY CABLE IN 100mm# PVC TYPE 2 DUCT
	EXISTING 3-556 KCMIL ASC O/H 27.6kV COT PRIMARY C/W 336 KCMIL ASC NEUTRAL*
	EXISTING 3-336 KCMIL ASC O/H 13.8kV (OR 4.16kV) COT PRIMARY*
	EXISTING 3/0 TRIPLEX SECONDARY O/H BUS
	FULL-HEIGHT 612 VAULT C/W MANHOLE FRAME, COVER, SUMP PUMP & DRAIN TO BE REMOVED
	NORMAL OPEN POINT
	EXISTING IN POLE S/L CIRCUIT BREAKER
	PRIVATE S/L PEDESTAL, METERED, C/W S/L DISCONNECT & PRE-CAST CONCRETE BASE FOUNDATION
	SEPARABLE SPLICE
	3ø 27.6/16kV-347/600V PAD MOUNTED TRANSFORMER ON A 612 VAULT (1/2 HEIGHT) DRAINED TO STORM SEWER
	FAULT INDICATOR
	SPLICE
	JUNCTION

REVISIONS	
2022 09 15	R4: GAS REMOVED FROM JOINT TRENCH JS MS
2020 06 10	R3: PROPOSED CABLE LENGTHS JS MS
2020 04 06	R2: DESIGN W/H SCHEMATIC AND DUCTS JS MS
2020 02 19	R1: PRIMARY DESIGN SHARE W/H UTILITIES JS MS
2019 11 21	1A: PRIMARY DESIGN JS MS

DATE	2022-09-15
DRAWN BY	JANE SONG
DESIGN BY	MEHAK SAJJAD
APPROVED	BELAL MOHAMAD
DIRECTOR OF ENGINEERING & CONSTRUCTION	

OAKVILLE HYDRO

REBECCA ST. TH PRIMARY SCHEMATIC	
FILE S-19-501	JOB NO. Q63146
SCALE 1:250	DRAWING NO. UH-2445B



231- 237 Rebecca Townhouse Subdivision- Proposed Cable Lengths					
PHASE	FEEDER	FROM	TO	CABLE TYPE	
B	M54-F2	TX LOC. 5209	TX LOC. 1556	1/0 TR-XLPE ENC N	176
B	M54-F2	TX LOC. 5209	TX LOC. 5062	1/0 TR-XLPE ENC N	129
TOTAL:					305

OWNERSHIP DEMARCATION
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REBECCA ST. TH DRAWING REFERENCE	
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PRIMARY SCHEMATIC	H-2445B
DUCT & CABLE ROUTING	H-2445C

N.T.S. - DUCT & CABLE ROUTING

BLANKET EASEMENT REQUIRED FOR OAKVILLE HYDRO - CONDO SITES

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LEGEND	
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	PROPOSED 1-1/0 AL 28kV TR-XLPE CN-ENC PRIMARY CABLE AND PHASE, EACH CABLE IN 2x100mm# C.E.R. PVC TYPE 2 DUCT
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	EXISTING 3-336 KCMIL ASC O/H 13.8kV (OR 4.18kV) COT PRIMARY*
	EXISTING 3/0 TRIPLEX SECONDARY O/H BUS
	FULL-HEIGHT 612 VAULT C/W MANHOLE FRAME, COVER, SUMP PUMP & DRAIN TO BE REMOVED
	No. OF 100mm PVC OR 50mm (FOR STREETLIGHT) DIRECT BURIED DUCTS
	No. OF 100mm PVC CONCRETE ENCASED DUCTS, REINFORCED
	NORMAL OPEN POINT
	SWITCH
	EXISTING IN POLE S/L CIRCUIT BREAKER
	PRIVATE S/L PEDESTAL, METERED, C/W S/L DISCONNECT & PRE-CAST CONCRETE BASE FOUNDATION
	SEPARABLE SPLICE
	G&W-9, 2-WAY MOTORIZED SWGR
	3ø 27.6/16kV-347/600V PAD MOUNTED TRANSFORMER ON A 612 VAULT (1/2 HEIGHT) DRAINED TO STORM SEWER
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OAKVILLE HYDRO

REBECCA ST. TH
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FILE S-19-501	JOB NO. Q63146
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