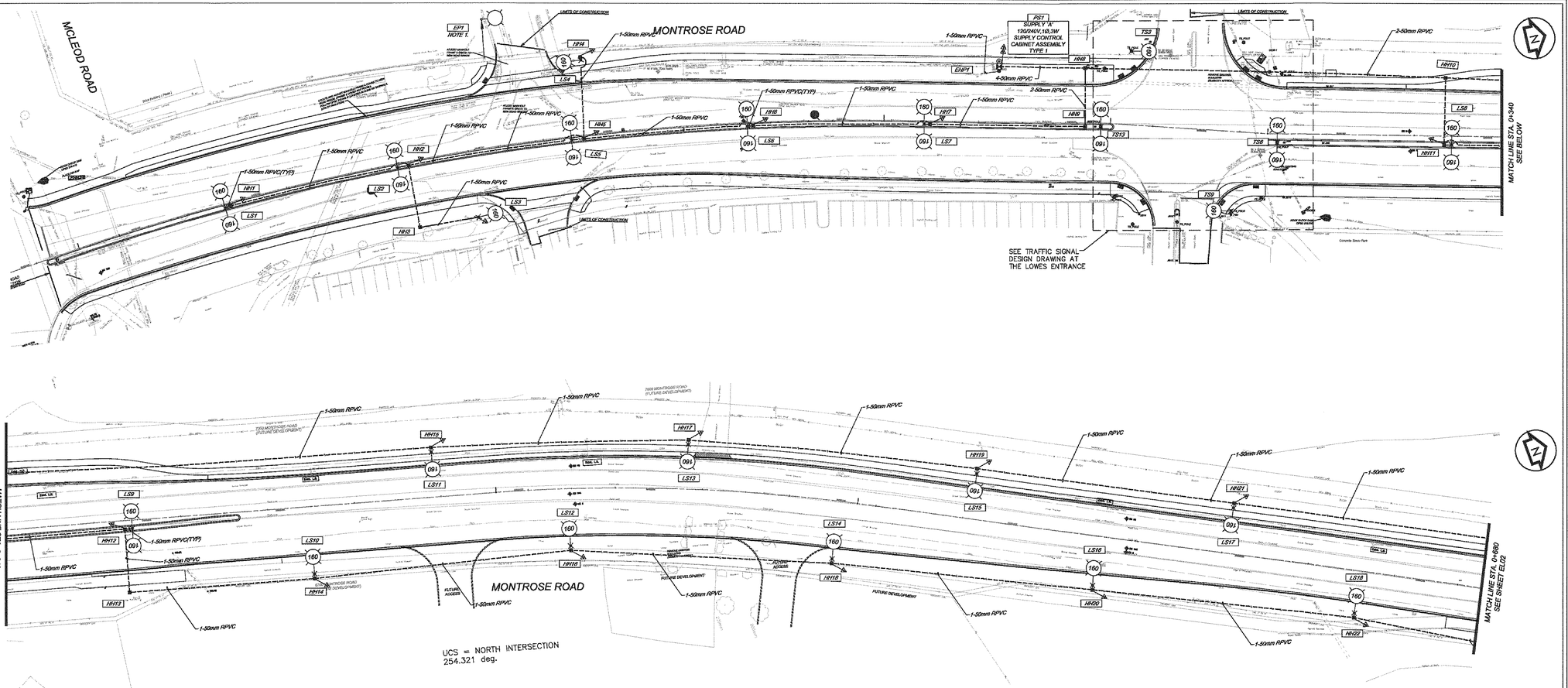
RR98 - EL-02



POLES			
No.	LOCATION	DESCRIPTION	REMARKS
EHP1	MONTROSE ROAD	EXISTING NPEI CONCRETE POLE, DIRECT BURIED	–
LS1	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS2	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS3	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARMS
LS4	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS5	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS6	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS7	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS8	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS9	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	2–160W LED ON 2.4m ARMS
LS10	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS11	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS12	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM

POLES			
No.	LOCATION	DESCRIPTION	REMARKS
LS13	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS14	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS15	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS16	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS17	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
LS18	MONTROSE ROAD	10.5m SECTIONAL STEEL POLE, BASE MOUNTED	160W LED ON 2.4m ARM
TS3	MONTROSE ROAD	SEE TRAFFIC SIGNAL DRAWINGS	160W LED ON 2.4m ARM
TS6	MONTROSE ROAD	SEE TRAFFIC SIGNAL DRAWINGS	2–160W LED ON 2.4m ARMS
TS9	MONTROSE ROAD	SEE TRAFFIC SIGNAL DRAWINGS	160W LED ON 2.4m ARM
TS13	MONTROSE ROAD	SEE TRAFFIC SIGNAL DRAWINGS	2–160W LED ON 2.4m ARMS
PS1	MONTROSE ROAD	SEE TRAFFIC SIGNAL DRAWINGS	SUPPLY 'A'

ELECTRICAL STRUCTURES		
No.	LOCATION	DESCRIPTION
HH1	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH2	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH3	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH4	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH5	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH6	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH7	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH8	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH9	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH10	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH11	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH12	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH13	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH14	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm

ELECTRICAL STRUCTURES		
No.	LOCATION	DESCRIPTION
HH15	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH16	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH17	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH18	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH19	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH20	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH21	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm
HH22	MONTROSE ROAD	ELECTRICAL HANDHOLE 330 X 600mm

LEGEND

- NEW POLE
- LS1 / 160 — NEW LUMINAIRE
- PS1 — NEW POWER SUPPLY WITH METER BASE
- HH1 — NEW HANDHOLE
- TSJB1 — NEW HANDHOLE (TRAFFIC SIGNALS)
- NEW GROUND ROD
- M — METERED SERVICE

NOTES/LEGEND
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER 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, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
A. ALL CONNECTIONS ARE TO BE MADE IN POLE HANDHOLES. UNDERGROUND CONNECTIONS WILL NOT BE PERMITTED.
B. ALL DUCTS SHALL BE RIGID PVC TYPE CSA 22.2 No. 211.2–06 UNLESS OTHERWISE INDICATED.
C. TO RELATE EQUIPMENT SHOWN SCHEMATICALLY TO THE PHYSICAL INSTALLATION, REFER TO LAYOUT DRAWINGS.
D. AERIAL SPAN AND LUMINAIRE ON NPEI POLES SHALL BE INSTALLED 300mm BELOW NEUTRAL CONDUCTOR.
1. RELOCATE EXISTING POLE AND LUMINAIRE.
2. TIE INTO TRAFFIC SIGNAL STREET LIGHTING CIRCUIT.

NO.	REVISION	DATE	INIT.
0	ISSUED FOR TENDER	2018/02/19	
A	ISSUED FOR REVIEW	2018/11/29	

DRAFTING P.B.
DESIGN P.C.
CHECKED BY R.G.
APPROVED BY R.G.

LICENSED PROFESSIONAL ENGINEER — R.M.GULATI — 100128334 — PROVINCE OF ONTARIO

Niagara Region PUBLIC WORKS

PARSONS

RN 19-05
ROAD RECONSTRUCTON AND WIDENING
REGIONAL ROAD 98 (MONTROSE ROAD)
NIAGARA FALLS

ELECTRICAL LAYOUT PLAN

CONSULTANT FILE No. 603119
DATE 2018/11/29
SCALE HORIZ. 1:500
REF. No.
DWG No. EL-01
REV. A

X-REFERENCES:

GEOGRAPHIC PROJECTION: U.T.M. NAD 83 ZONE 17 XXXXXXXXX ELEV. ####
VERTICAL DATUM: XXXXXXXXX HORIZONTAL DATUM: XXXXXXXXX
DATUM: DATUM description XXXXXXXXX ELEV. ####

DWG NAME: RSE INFRASTRUCTURE, SD 2015 BENCHMARK COORDINATES UPPER LEFT: Northing Easting BENCHMARK COORDINATES LOWER RIGHT: Northing Easting

ASSEMBLY: MCE XXX/MM/DD; DESIGN XXX/MM/DD; DRAFTING XXX/MM/DD; CHECK XXX/MM/DD

UTILITIES: WATER XXX/MM/DD; GAS XXX/MM/DD; HYDRO XXX/MM/DD; TELEPHONE XXX/MM/DD; CABLE XXX/MM/DD; OTHER XXX/MM/DD