

ATTACHMENT D  
TOWER ELEVATIONS & COMPOUND DETAILS



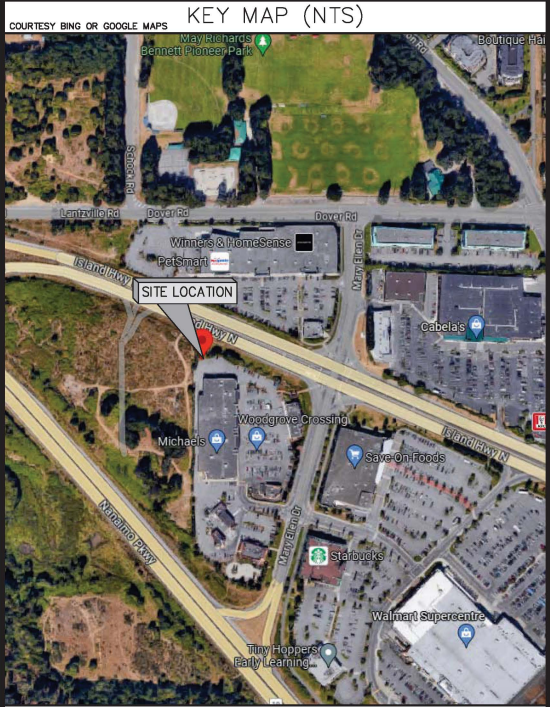
PROJECT NAME:	NEW SITE – GREENFIELD
PROJECT TYPE:	30m MONOPOLE TOWER & EQUIPMENT INSTALLATION
PROJECT SITE No.:	W5729–C – WOODGROVE CENTRE
TOWER OWNER:	ROGERS
ADDRESS:	6675 MARY ELLEN DRIVE, NANAIMO, BC

DRAWING INDEX			
SHEET	DRAWNG DESCRIPTION	NO.	DATE
COV.	TITLE SHEET & SITE KEY PLAN	5	23 OCT 24
A01	TOWER PROFILE	5	23 OCT 24
A02	ANTENNA ORIENTATION PLANS	1	12 DEC 23
A03	SITE PLAN	5	23 OCT 24
A03A	SITE PLAN – CLOSE-UP	5	23 OCT 24
A04	COMPOUND PLAN	5	23 OCT 24
E01	ELECTRICAL ROUTING	5	23 OCT 24

ISSUE		
0	PRELIMINARY	16 NOV 23
1	RF QUAL UPDATE	12 DEC 23
2	CLIENT COMMENT	12 JAN 24
3	TOWER LOCATION UPDATE	08 JUL 24
4	CLIENT COMMENTS	16 JUL 24
5	CLIENT COMMENTS	23 OCT 24



SITE PHOTO



GEOGRAPHIC COORDINATES	
LATITUDE:	N 49.240325°
LONGITUDE:	W 124.056122°

UTILITY – CONTACT	
BRITISH COLUMBIA ONE CALL: (BEFORE YOU DIG) 1-800-474-6886	

NOTES:	
1. ENSURE ALL ASPECTS OF WORK CONFORM TO ROGERS SPECIFICATIONS.	
2. CONTRACTOR TO VERIFY NORTH DIRECTION AND REPORT ANY DISCREPANCIES.	
3. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.	
4. READ THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.	
5. CONTRACTOR TO VERIFY EXISTING CONDITIONS ON SITE PRIOR TO FABRICATION FOR EXACT FIT. NOTIFY CONSULTANT/ENGINEER REGARDING ANY DISCREPANCIES.	
6. DO NOT SCALE DRAWINGS.	



**ROEHAMPTON  
WEST**  
409 GRANVILLE ST,  
SUITE 1051  
VANCOUVER, BC V6C 1T2  
TEL. (778)228-4228  
VANCOUVER | KELOWNA | EDMONTON | CALGARY

COPYRIGHT: DUPLICATION, RECORDING, USE OR DISCLOSURE PROHIBITED WITHOUT WRITTEN AUTHORIZATION OF Roehampton West Ltd.

ELEV. ±31.0m  
T/O TOWER = ±30.0m  
ELEV. ±29.0m  
ELEV. ±26.35m  
ELEV. ±24.4m  
ELEV. ±23.0m

PROPOSED ROGERS LIGHTING ROD TYP.

1 2 3

4 5 6

7 8

9 10

T/O WEST TREES  
= ±14m

NOTES:  
SURROUNDING  
VEGETATION/MATURE  
TREES TO BE  
RETAINED. IF ANY  
VEGETATION OR TREES  
WILL REQUIRE  
REMOVAL, THIS WILL  
NEED TO BE REVIEWED  
AND APPROVED PRIOR  
TO ANY REMOVAL.

ELEV. ±5.0m

ELEV. ±0.0m

PROPOSED ROGERS ±30m  
HIGH MONOPOLE TOWER

DESIGN SPECIFICATIONS:  
-TOWER COLOR TO BE  
PAINTED FLAT WHITE.

11

1 TOWER PROFILE

#	ELEV. (m)	Antennas & Equipment						TX Lines			
		QTY	Ant. ID	Model	Azimuth	MDT (°)	Status	QTY	Type	Length (m)	Status
1	±29.0m	3	LTE - 1/2/3	FFV4S4-65B-R7-V2	40°/160°/280°	0°	PROPOSED	60	JUMPERS	±5.0m	PROPOSED
2	±29.0m	12	-	RRU	-	-	PROPOSED	-	-	-	-
3	±29.0m	3	-	MLUP	-	-	PROPOSED	3	DC	±31.9m	PROPOSED
		3	-	MLUF	-	-	PROPOSED	3	FIBRE	±31.9m	PROPOSED
4	±26.35m	3	OFFSET - 1/2/3	FFV4S4-65B-R7-V2	100°/220°/340°	0°	PROPOSED	60	JUMPERS	±5.0m	PROPOSED
5	±26.35m	12	-	RRU	-	-	PROPOSED	-	-	-	-
6	±26.35m	3	-	MLUP	-	-	PROPOSED	3	DC	±28.9m	PROPOSED
		3	-	MLUF	-	-	PROPOSED	3	FIBRE	±28.9m	PROPOSED
7	±24.4m	3	NR - 1/2/3	AIR 3258	40°/160°/280°	TBD	FUTURE	9	JUMPERS	±5.0m	FUTURE
8	±24.4m	2	-	MLUP	-	-	FUTURE	2	DC	±26.8m	FUTURE
		2	-	MLUF	-	-	FUTURE	2	FIBRE	±26.8m	FUTURE
9	±23.0m	3	NR - A/B/C	AIR 3228	100°/220°/340°	TBD	FUTURE	9	JUMPERS	±5.0m	FUTURE
10	±23.0m	2	-	MLUP	-	-	FUTURE	2	DC	±25.3m	FUTURE
		2	-	MLUF	-	-	FUTURE	2	FIBRE	±25.3m	FUTURE
11	±5.0m	1	GPS - 1	GPSGLONASS-36-N-S	-	-	PROPOSED	1	RG-8U	±6.0m	PROPOSED

TX LINES:	TYPE:	SIZE
JUMPERS	LDF4	1/2"
DC	-	1/2" - 3/4"
FIBRE	-	3/8" - 1/2"

PROPOSED LADDER  
LOCATION AT ±0"

PROPOSED ROGERS  
FULLY ENCLOSED  
CABLE TRAY ROUTED  
ALONG THE GROUND

PROPOSED ROGERS ±30m  
HIGH MONOPOLE TOWER

PROPOSED TOWER  
FOUNDATION

2 TOWER BASE PLAN

- NOTES:
1. TOWER DESIGN IS CONCEPTUAL FOR TENDER PURPOSES AND IS NOT FOR CONSTRUCTION, OBTAIN SITE SPECIFIC WIND FOR FINAL DESIGN.
  2. ALL WORK TO CONFORM TO LATEST ROGERS SPECIFICATIONS.
  3. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
  4. DRAWINGS ARE NOT TO BE SCALED.

CLIENT:

CARRIER:



5	NT	CLIENT COMMENTS	23 OCT 24
4	MJ	CLIENT COMMENTS	16 JUL 24
3	AR	TOWER LOCATION UPDATE	08 JUL 24
2	AR	CLIENT COMMENT	12 JAN 24
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23

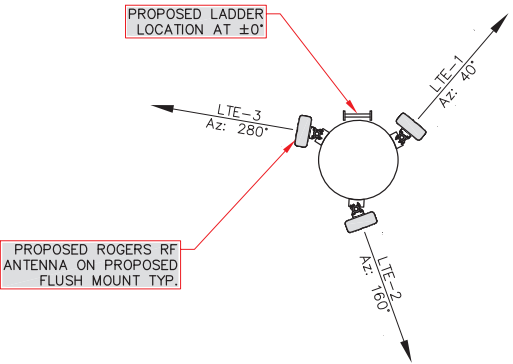
**ROEHAMPTON WEST**  
409 GRANVILLE ST.  
SUITE 1001  
VANCOUVER, BC V6C 1T2  
TEL. (778)226-4228  
VANCOUVER | KELLOWNA | EDMONTON | CALGARY

LOCATION:  
6675 MARY ELLEN DRIVE, NANAIMO, BC

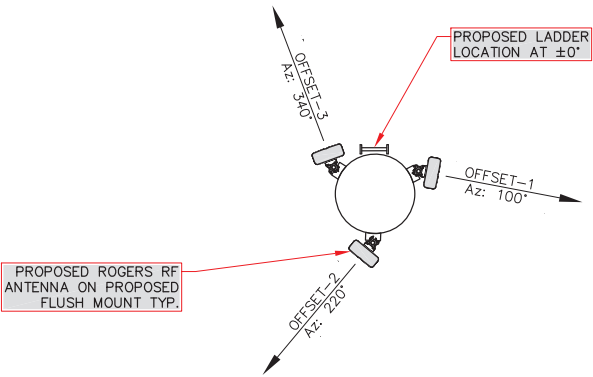
TITLE:  
TOWER PROFILE

PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO: W5729-C	DWG. NO: A01
--	------------------------	-----------------

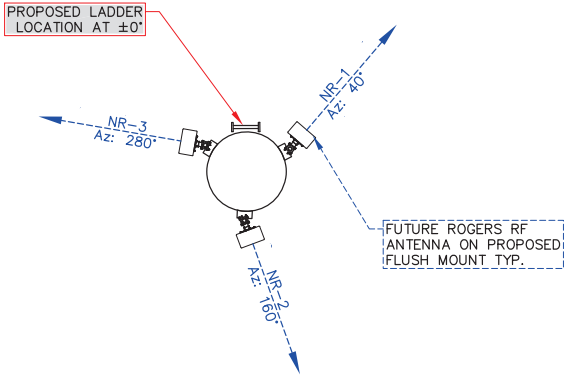
NOTES:  
1. MOUNTS SHOWN HERE ARE CONCEPTUAL, TOWER DESIGN & MOUNTS TO BE COMPLETED BY OTHERS.



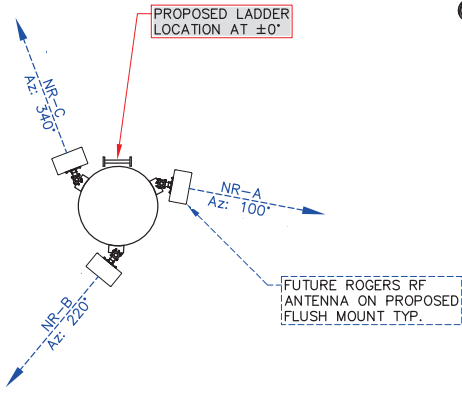
1 ANTENNA LAYOUT @ 29.0m



2 ANTENNA LAYOUT @ 26.35m



3 ANTENNA LAYOUT @ 24.4m



4 ANTENNA LAYOUT @ 23m

CLIENT:

CARRIER:



5			
4			
3			
2			
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23
NO. BY	DESCRIPTION		DATE

**ROEHAMPTON WEST**  
409 GRANVILLE ST.  
SUITE 1001  
VANCOUVER, BC V6C 1T2  
TEL: (778)226-4228  
VANCOUVER | KELLOWNA | EDMONTON | CALGARY

LOCATION:  
6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:  
ANTENNA ORIENTATION PLANS

PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO: W5729-C	DWG. NO: A02
--	------------------------	-----------------



COPYRIGHT: DUPLICATION, RECORDING, USE OR DISCLOSURE PROHIBITED WITHOUT WRITTEN AUTHORIZATION OF Roehampton West Ltd.

EXISTING DRAINAGE DITCH APPROX. LOCATION ~31m NORTH-WEST OF PROPOSED COMPOUND. SEDIMENT CONTROL MIGHT BE REQUIRED DURING CONSTRUCTION

RETAIN AS MUCH SURROUNDING EXISTING TREES AROUND TOWER/COMPOUND AS POSSIBLE

APPROX. LOCATION OF PROPERTY LINE (TYP.)

EXISTING ACCESS ROAD AS PROPOSED ROGERS ACCESS RIGHT OF WAY AREA (±215m)

APPROX. LOCATION OF EXISTING BC HYDRO PMT

EXISTING SHAW PULL-BOX

ISLAND HWY N

MARY ELLEN DR



- NOTES:
- 1. SITE PLAN OBTAINED FROM GOOGLE MAPS. PROPERTY LINE TO BE CONFIRMED BY SURVEYOR.
  - 2. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
  - 3. ONLY RELEVANT INFORMATION FOR THE PROJECT SHOWN ON THESE DRAWINGS.

CLIENT:

CARRIER:



5	NT	CLIENT COMMENTS	23 OCT 24
4	MJ	CLIENT COMMENTS	16 JUL 24
3	AR	TOWER LOCATION UPDATE	08 JUL 24
2	AR	CLIENT COMMENT	12 JAN 24
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23
NO.	BY	DESCRIPTION	DATE



**ROEHAMPTON WEST**  
405 GRANVILLE ST,  
SUITE 1001  
VANCOUVER, BC V6C 1T2  
TEL: (778)228-4228  
VANCOUVER | KELLOWNA | EDMONTON | CALGARY

LOCATION: 6675 MARY ELLEN DRIVE, NANAIMO, BC		
TITLE: SITE PLAN		
PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO.: W5729-C	DWG. NO.: A03

NOTES:  
SURROUNDING VEGETATION/MATURE TREES TO BE RETAINED. IF ANY VEGETATION OR TREES WILL REQUIRE REMOVAL, THIS WILL NEED TO BE REVIEWED AND APPROVED PRIOR TO ANY REMOVAL.

1 SITE PLAN



**NOTES:**  
SURROUNDING VEGETATION/MATURE TREES TO BE  
RETAINED. IF ANY VEGETATION OR TREES WILL  
REQUIRE REMOVAL, THIS WILL NEED TO BE  
REVIEWED AND APPROVED PRIOR TO ANY REMOVAL.

1 SITE PLAN - CLOSE-UP

1. SITE PLAN OBTAINED FROM GOOGLE MAPS. PROPERTY LINE TO BE CONFIRMED BY SURVEYOR.
2. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
3. ONLY RELEVANT INFORMATION FOR THE PROJECT SHOWN ON THESE DRAWINGS.

CLIENT:

CARRIER:



5	NT	CLIENT COMMENTS	23 OCT 24
4	MJ	CLIENT COMMENTS	16 JUL 24
3	AR	TOWER LOCATION UPDATE	08 JUL 24
2	AR	CLIENT COMMENT	12 JAN 24
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23
NO.	BY	DESCRIPTION	DATE



ROEHAMPTON  
WEST

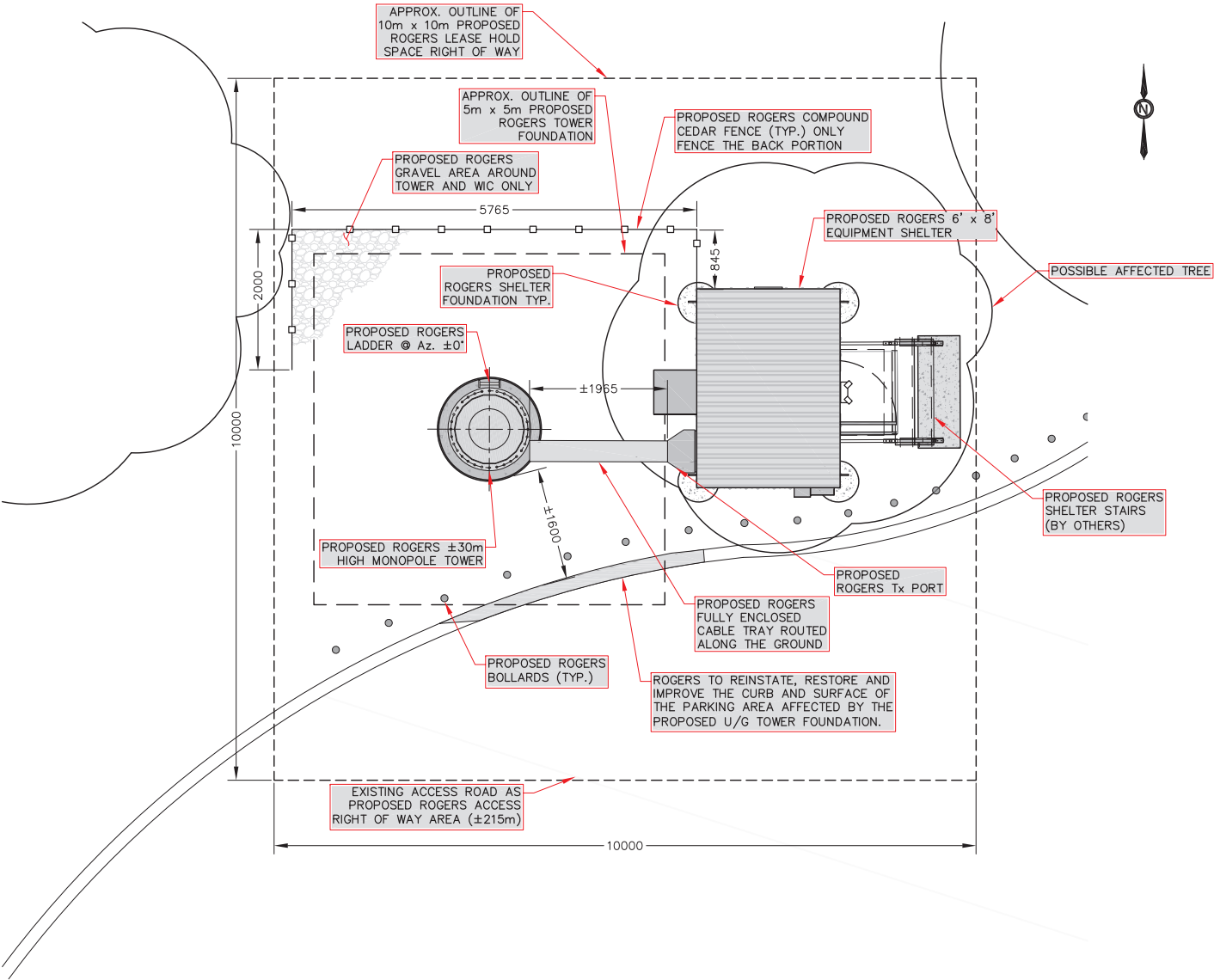
409 GRANVILLE ST.,  
SUITE 1051  
VANCOUVER, BC V6C 1T2  
TEL. (778)228-4228  
VANCOUVER | KELOWNA |

VANCOUVER | KELOWNA | EDMONTON | CALGARY

LOCATION:  
6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:  
SITE PLAN - CLOSE-UP

PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO: W5729-C	DWG. NO: A03A
--	------------------------	------------------



1 COMPOUND PLAN

- NOTES:
1. SITE PLAN OBTAINED FROM GOOGLE MAPS. PROPERTY LINE TO BE CONFIRMED BY SURVEYOR.
  2. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
  3. ONLY RELEVANT INFORMATION FOR THE PROJECT SHOWN ON THESE DRAWINGS.

CLIENT:

CARRIER:



5	NT	CLIENT COMMENTS	23 OCT 24
4	MJ	CLIENT COMMENTS	16 JUL 24
3	AR	TOWER LOCATION UPDATE	08 JUL 24
2	AR	CLIENT COMMENT	12 JAN 24
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23
NO.	BY	DESCRIPTION	DATE

**ROEHAMPTON WEST**  
409 GRANVILLE ST.  
SUITE 1001  
VANCOUVER, BC V6C 1T2  
TEL. (778)226-4228  
VANCOUVER | KELLOWNA | EDMONTON | CALGARY

LOCATION:  
6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:  
COMPOUND PLAN

PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO: W5729-C	DWG. NO: A04
--	------------------------	-----------------



COPYRIGHT: DUPLICATION, RECORDING, USE OR DISCLOSURE PROHIBITED WITHOUT WRITTEN AUTHORIZATION OF Roehampton West Ltd.



NOTES:  
SURROUNDING VEGETATION/MATURE TREES TO BE RETAINED. IF ANY VEGETATION OR TREES WILL REQUIRE REMOVAL, THIS WILL NEED TO BE REVIEWED AND APPROVED PRIOR TO ANY REMOVAL.

1 ELECTRICAL ROUTING

- NOTES:
- 1. SITE PLAN OBTAINED FROM GOOGLE MAPS. PROPERTY LINE TO BE CONFIRMED BY SURVEYOR.
  - 2. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
  - 3. ONLY RELEVANT INFORMATION FOR THE PROJECT SHOWN ON THESE DRAWINGS.

CLIENT:

CARRIER:



5	NT	CLIENT COMMENTS	23 OCT 24
4	MJ	CLIENT COMMENTS	16 JUL 24
3	AR	TOWER LOCATION UPDATE	08 JUL 24
2	AR	CLIENT COMMENT	12 JAN 24
1	AR	RF QUAL UPDATE	12 DEC 23
0	AR	PRELIMINARY	16 NOV 23
NO.	BY	DESCRIPTION	DATE



**ROEHAMPTON  
WEST**  
405 GRANVILLE ST,  
SUITE 1001  
VANCOUVER, BC V6C 1T2  
TEL: (778) 228-4228  
VANCOUVER | KELLOWNA | EDMONTON | CALGARY

LOCATION:  
6675 MARY ELLEN DRIVE, NANAIMO, BC

TITLE:  
ELECTRICAL ROUTING

PROJECT NAME: NEW SITE - GREENFIELD	PROJECT NO.: W5729-C	DWG. NO.: E01
--	-------------------------	------------------